

20040113.qrp v03_n164.qrl.20040113

Date: Tue, 13 Jan 2004 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3164

QRP-L Digest 3164

Topics covered in this issue include:

- 1) [165153] RE: Handbook
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 2) [165154] Re: Computing (was QRP Computers)
by Bruce Muscolino <w6toy@erols.com>
- 3) [165155] RE: using balloons to raise antennas
by "Ken Alexander" <kpathai@hotmail.com>
- 4) [165156] RE: using balloons to raise antennas
by "Ken Alexander" <kpathai@hotmail.com>
- 5) [165157] Re: FYBO Date & Rules?
by Karl Larsen <k5di@zianet.com>
- 6) [165158] RE: SLIDE RULES
by "James Kelley" <k4ybb@earthlink.net>
- 7) [165159] Now Showing - The ARS Sojourner
by Richard Fisher <ki6sn@yahoo.com>
- 8) [165160] Re: Re[2]: History of "72" [and 71 also]
by Rick McKee <kc8aon@juno.com>
- 9) [165161] Tell me about the AT Sprint
by "Andy Palm" <acpalm@concentric.net>
- 10) [165162] FOX - VE4WI - Jan 13, 2004
by "winchar@res1.mts.net" <winchar@mts.net>
- 11) [165163] 160m Beacon freq.: oops...
by "sslyon" <sslyon@megalink.net>
- 12) [165164] Correction: The ARS Sojourner
by Richard Fisher <ki6sn@yahoo.com>
- 13) [165165] A very long kit build time
by "Andy Palm" <acpalm@concentric.net>
- 14) [165166] Dorm-bound ham in college needs help!
by Michael Danchi <Infinite5ths@characterlink.net>
- 15) [165167] Slide-rule joke (was: Re: Computing (was QRP Computers))
by Brad Thompson <Brad.Thompson@valley.net>
- 16) [165168] Small Wonder Labs PSK-20 Mod (long)
by "Jim Sheldon" <w0eb@cox.net>
- 17) [165169] Mobile, AL QRP Invitation - Part Deux
by "Jay Henson" <aj4ay@worldnet.att.net>
- 18) [165170] Re: 160m Beacon freq.: oops...
by Frank Brickle <brickle@pobox.com>
- 19) [165171] SOLD = T-T 405/251

- by "Doc K0EVZ" <dock0evz@earthlink.net>
- 20) [165172] RE: [qrp-l] Re: History of "72" [and 71 also]
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 21) [165173] SOLD = several QRP rigs
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 22) [165174] FS--AT SPRINT (unbuilt-still sealed)
by Earl Murphy <VA6RF@telus.net>
- 23) [165175] Re: Tell me about the AT Sprint
by Lee Mairs <lmairs@direcway.com>
- 24) [165176] Re: Computing (was QRP Computers)
by Jim Smith <n0oct@sbcglobal.net>
- 25) [165177] consistent (i think) k1 problems..
by sergio <sergio@village-buzz.com>
- 26) [165178] Re: Computing (was QRP Computers)
by "George, W5YR" <w5yr@att.net>
- 27) [165179] Re: Slide rules
by "George, W5YR" <w5yr@att.net>
- 28) [165180] Re: Computing (was QRP Computers)
by Jim Smith <n0oct@sbcglobal.net>
- 29) [165181] Nice site
by w2bvh <w2bvh@comcast.net>
- 30) [165182] the so-called " AT Sprint"
by "sslyon" <sslyon@megalink.net>
- 31) [165183] Re: Slip Stick Selection (was: Computing, etc.)
by Tim Groat <tcgroat@earthlink.net>
- 32) [165184] Re: Slide-rule joke (was: Re: Computing (was QRP Computers))
by Bob Nielsen <nielsen@oz.net>
- 33) [165185] Re: Handbook
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 34) [165186] FYBO 2004
by "John Stevens" <jwsteven@concentric.net>
- 35) [165187] RE: Interesting company...
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 36) [165188] Re: Dorm-bound ham in college needs help!
by Richard Lourette <lourette@frontiernet.net>
- 37) [165189] Re: Tell me about the AT Sprint
by David Toepfer <davetoepfer@yahoo.com>
- 38) [165190] Re: Tell me about the AT Sprint
by David Toepfer <davetoepfer@yahoo.com>
- 39) [165191] FW: Re: Handbook
by "James Kelley" <k4ybb@earthlink.net>
- 40) [165192] Re: Handbook
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 41) [165193] Re: FW: Re: Handbook
by w9ya <w9ya@arrl.net>
- 42) [165194] Re: Simple Tube TX
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 43) [165195] Re: Tuning Knobs

- by "Mike WA8BXN" <hubby2k@hotmail.com>
- 44) [165196] 2004 QRP Contest Calendar Final Call
by "Ron Polityka" <wb3aal@verizon.net>
- 45) [165197] [FS] Pickett/CREI Slide Rule
by Chuck Carpenter <w5usj@9plus.net>
- 46) [165198] WTB: FT-817 and CW Filter
by "Alan Fryer" <N3BJ@hotmail.com>
- 47) [165199] Re: the so-called " AT Sprint"
by Lee Mairs <lmairs@direcway.com>
- 48) [165200] Re: Dorm-bound ham in college needs help!
by Michael Danchi <Infinite5ths@characterlink.net>
- 49) [165201] Re: Simple Tube TX
by =?ISO-2022-JP?B?GyRCPi5ELhsoQiAbJEI9KEknGyhC?= <qrper72@ybb.ne.jp>
- 50) [165202] 40M bandspread coils for SW-3
by "James Reid" <jreid4@earthlink.net>
- 51) [165203] Re: Computing (was QRP Computers)
by dnt1@daimlerchrysler.com
- 52) [165204] Michigan QRP Net
by kwike@gdls.com
- 53) [165205] Re: Tuning Knobs
by k2zn@rochester.rr.com
- 54) [165206] Re: 160m Beacon freq.: Yeee-haaaawwww!
by Lloyd Lachow <llachow@yahoo.com>
- 55) [165207] Handbook/magazine CD-ROMs (was Re: Handbook)
by dnt1@daimlerchrysler.com
- 56) [165208] [Sold] Pickett/CREI Slide Rule
by Chuck Carpenter <w5usj@9plus.net>
- 57) [165209] Re; Arc-5
by brewerj@squared.com
- 58) [165210]
by Michael Goins <mgoins@usa.net>
- 59) [165211] Re: Tuning Knobs
by "Thomas Lewis" <thomas_h_lewis@msn.com>
- 60) [165212] Binocular ferrite cores
by w2bvh <w2bvh@comcast.net>
- 61) [165213] Slide Rule - Forgot I Even HAD One
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 62) [165214] Re: Slide rules
by Nick Yokanovich <k3ny@cablespeed.com>
- 63) [165215] AmQRP updates: kits, mag & weekends
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 64) [165216] Re: Tuning Knobs
by "Lew Paceley" <lew@paceley.com>
- 65) [165217] Re: Tuning Knobs
by Lee Mairs <lmairs@direcway.com>
- 66) [165218] Warbler 80 (PSK Xcver) for sale
by Christopher Kovacs <ckovacs@mn.rr.com>
- 67) [165219] Re: Abrasive Remark - was: Tuning Knobs

- by k2zn@rochester.rr.com
- 68) [165220] Re: AmQRP updates: kits, mag & weekends
by Lee Mairs <lmairs@direcway.com>
- 69) [165221] Antenna Dilemma
by "Farnes_Quinn" <Farnes_Quinn@allergan.com>
- 70) [165222] Re: Slide rules
by Bob Nielsen <nielsen@oz.net>
- 71) [165223] Re: Simple Tube TX
by Steve Smith <sigcom@juno.com>
- 72) [165224] Re: Slide rules
by "John J. McDonough" <wb8rcr@arrl.net>
- 73) [165225] Re: Antenna Dilemma
by Frank Brickle <brickle@pobox.com>
- 74) [165226] Re: Antenna Dilemma
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 75) [165227] Re: Antenna Dilemma
by Curt Milton <wb8yyy@yahoo.com>
- 76) [165228] Re: Slide Rules
by Garey Barrell <k4oah@mindspring.com>
- 77) [165229] Re: Binocular ferrite cores
by "Noyce, Bill" <william.noyce@hp.com>
- 78) [165230] For Sale, kits and radio
by lfcpa@juno.com
- 79) [165231] Re: Slide rules
by "Mike Yetsko" <myetsko@insydesw.com>
- 80) [165232] Re: FYBO 2004 --- > SAT or SUN ??? Make it clear!!!!
by "Brian Riley (maillist)" <n1bq_list@wulfdn.org>
- 81) [165233] Re: Antenna Dilemma
by Ed Tanton <n4xy@earthlink.net>
- 82) [165234] Re: Antenna Dilemma
by <charlescurrey1@imcingular.com> (CHARLES CURREY)
- 83) [165235] Beacon Report W5USJ/B 1/10/01
by Chuck Carpenter <w5usj@9plus.net>
- 84) [165236] Re: Antenna Dilemma
by Mr Mike Caughran <kl7r@yahoo.com>
- 85) [165237] FS LDG QRP Autotuner
by Barry Keating <barry.p.keating.1@nd.edu>
- 86) [165238] Re: Antenna Dilemma
by Lloyd Lachow <llachow@yahoo.com>
- 87) [165239] FYBO DATE Saturday February 7
by "jwsteven@concentric.net" <jwsteven@concentric.net>
- 88) [165240] RE: Tenna Dipper Kits
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 89) [165241] Elmer 160: Lesson 6
by "John Bohnert" <johnb@elmhurst.edu>
- 90) [165242] Re: FYBO DATE Saturday February 7
by John Sielke <jsielke@pobox.com>
- 91) [165243] FISTS

- by <charlescurrey1@imcingular.com> (CHARLES CURREY)
- 92) [165244] Re: Elmer 160: Lesson 6
by "John J. McDonough" <wb8rcr@arrl.net>
- 93) [165245] Need Emtech NW-20 Trouble Shooting Info
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 94) [165246] Re: Elmer 160: Lesson 6
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 95) [165247] Networked Receiver on 7.040 For Testing
by David Simmons <dsimmons@macromedia.com>
- 96) [165248] Re: Antenna Dilemma
by Bruce Muscolino <w6toy@erols.com>
- 97) [165249] Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>
- 98) [165250] Re: Elmer 160: Lesson 6
by "Bob Baxter" <rbaxter@cybertrails.com>
- 99) [165251] Re For Sale Kits and Stuff
by lfcpa@juno.com
- 100) [165252] FS QRP Rig and autotuner
by "Ed Howell" <kb2nto1@usadatanet.net>
- 101) [165253] re: FISTS calling CQ
by Chuck Adams <k7qo@commspeed.net>
- 102) [165254] Re: FISTS
by "Oleg V. Borodin" <master72@lipetsk.ru>

Date: Mon, 12 Jan 2004 18:48:35 -0500
From: "Fred \((VE3FAL\)" <flesnick@tbaytel.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [165153] RE: Handbook
Message-ID: <014c01c3d966\$987a0150\$e339d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Just as Bruce, I have ARRL handbooks going back to the 50's. Last new one was 1991....

I just bought the 2004 edition on Friday as a new addition to the shack. Was thinking of getting the CD rom, but just not the same...

They are super books to have on hand, and everyone should have one.

Now if I can remember the call and name of the gent in England (computer crashed and ate all my notes) I would send off the 1991 edition so he could have something newer.

Fred

VE3FAL

PS: I also have a few copies of the RSGB Handbook as well, some nice info there.

Date: Mon, 12 Jan 2004 18:48:56 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165154] Re: Computing (was QRP Computers)
Message-ID: <40033268.984BF76E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will have to ask my cousin to get a copy for me! I would look on ebay for a Curta. I wonder how much they are selling for now.

73

Date: Mon, 12 Jan 2004 19:40:45 -0500
From: "Ken Alexander" <kpathai@hotmail.com>
To: pschweit@mninter.net, qrp-l@Lehigh.EDU
Subject: [165155] RE: using balloons to raise antennas
Message-ID: <Sea2-F310FQo6AhHa2n0001045c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Rob,

Back in '78 I used an 8' dia weather balloon to suspend a lightweight 40 metre inverted Vee for ARRL Field Day.

I bought the balloon at Edmund Scientific...actually, I used two balloons and put one inside the other for greater durability. The antenna wire was fairly lightweight, but adequate for 100 watts and the ends of the wires were tied down with 35 pound test monofilament fishing line. The antenna was fed with 72 ohm twinlead (boy, I wish I knew where I could buy more of that!), which is also very lightweight.

The apex of the inverted Vee was up about 100 to 150 ft and we got out like

thunder!

We were lucky, conditions were calm. It never would have survived windy conditions because the balloons are too fragile. As it was, the balloons stayed up for about 23 hours and 30 minutes.

73,

Ken - VE3HLS

Sharon, ON

KX1 #112, FPqrp #716

>From: "pschweit" <pschweit@mninter.net>

>Reply-To: pschweit@mninter.net

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Subject: using balloons to raise antennas

>Date: Sun, 11 Jan 2004 23:24:25 -0600

>

>has anyone out there used a helium balloon to raise antenna elements .

>

>what sort of balloons and antennas were used?

>

>and

>

>what were the weather conditions?

>

>de K0CD

>rob

>

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[ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-](http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca)
[ca](http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca)

Date: Mon, 12 Jan 2004 19:46:28 -0500

From: "Ken Alexander" <kpathai@hotmail.com>

To: mark.rauchfuss@worldnet.att.net, qrp-l@Lehigh.EDU

Subject: [165156] RE: using balloons to raise antennas

Message-ID: <Sea2-F86uhmWBmqAbMU000273d0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I think someone referred to a balloon that's meant to be tethered in place and would be ideal for supporting a longwire. They're called aerostats if I'm not mistaken. A few people around here use them for advertising, like car dealerships, etc. Therefore, it may be possible to rent them from someone for a weekend if you're thinking of a short term event like Field Day. It might be worth checking your local Yellow Pages.

73,

Ken - VE3HLS
Sharon, ON
KX1 #112, FPqrp #716

>From: "Mark Rauchfuss" <mark.rauchfuss@worldnet.att.net>
>Reply-To: mark.rauchfuss@worldnet.att.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: RE: using balloons to raise antennas
>Date: Mon, 12 Jan 2004 11:43:01 -0500
>
>But where can one obtain a balloon of suitable size to raise say 100
>meters of #16 wire. Where can one obtain the original balloons or
>kitoons, as they were once called?
>
>Mark
>
>-----Original Message-----
>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
>Of John Kalotai
>Sent: Monday, January 12, 2004 2:27 AM
>To: Low Power Amateur Radio Discussion
>Subject: Re: using balloons to raise antennas
>
>I have used balloons to raise antennas, usually end fed wire.
>
>I got ahold of some surplus weather ballons and with the help of my
>local welding company I was able to launch it.
>
>I use the same Stafix twine I use for my kite antenna. Its strong
>enough to teather the balloon and has 6 - 9 strands of stainless
>steel wire woven through it.

>
><http://fence-electric.com/ShopItemIG.php?item=Twine#R2W>
>
>The same cautions apply to balloons as they do kites. DO NOT fly near
>power lines. Beware of approaching weather. Make sure you have a 1meg
>resistor from the antenna to ground to bleed static off.
>
>Generally for a balloon to be effective as a antenna support the
>weather need to be calm. If you have more than a 5 -7 mph wind the
>angle of the antenna will fall away from vertical and your antenna
>wire may wind up dragging on the ground.
>
>There are balloons specifically designed to be anntenna supports.
>They have an airfoil design to help them be more stable in the wind.
>I believe there was a article in 73 a few years back.
>
>73
>
>John N10LO
>
>--- pschweit <pschweit@mninter.net> wrote:
> > has anyone out there used a helium balloon to raise antenna
> > elements .
> >
> > what sort of balloons and antennas were used?
> >
> > and
> >
> > what were the weather conditions?
> >
> > de K0CD
> > rob
> >
>
>
>

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Date: Mon, 12 Jan 2004 18:04:53 -0700 (MST)

From: Karl Larsen <k5di@zianet.com>
To: William McFadden <wmcfadde@cs.ohiou.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165157] Re: FYBO Date & Rules?
Message-ID: <Pine.LNX.4.44.0401121803250.5264-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jan 2004, William McFadden wrote:

> Good day.
>
> Have the rules for this year's FYBO event been published yet? Does anyone
> know the date yet?
>
> Eric

Hi Eric, Feb 7 2004 Saturday is the date. Rules are the same as last year. I can find those rules somewhere on my computer, I hope.

>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 12 Jan 2004 20:06:37 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [165158] RE: SLIDE RULES
Message-ID: <410-2200412131637487@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Cleaning out the garage and found my old "Dietzgen #1734 Decimal Trig. Microglide slide rule." Anyone have an idea what it is worth in todays dollars. Anyone interested in collecting slide rules. I have the complete original box, manual, conversion table card, leather carrying sheath and the warrantee certificate. Make me an offer my wife will not let me refuse.
72 / 73 Jim K4YBB

James Kelley
k4ybb@earthlink.net
Why Wait? Move to EarthLink.

Date: Mon, 12 Jan 2004 17:11:34 -0800 (PST)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [165159] Now Showing - The ARS Sojourner
Message-ID: <20040113011134.66653.qmail@web12102.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

+ To the Top of New Jersey: High Point, 1,803 feet, by Curt Lambert,
W3HQ
+ GPS and Adventure Radio, by John Cumming, VE3JC
+ KX1 to the Field: A tidy, durable carrying case, by Weymouth Walker,
K8EAB
+ Looking Ahead: ARS' 2004 Calendar of On-Air Events, The ARS Sojourner
+ Feedback: Our Readers Write, The ARS Sojourner
+ Results and soapbox comments from the January Spartan Sprint, with
recognition of champs N7SR and N4BP Champs
+ From Our Vantage Point, The ARS Sojourner
+ Who's Who and Who's New: New Members of the Adventure Radio Society,
by Richard Fisher, KI6SN
+ NEW: Revised Spartan Sprint Weight Rules
+ Spartan Sprint Certificates
+ Spartan Sprint Logger and Updater, by John Huffman, NA8M
+ The Wilderness Alerts for January 2004 Updated 12/29/2003)

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 12 Jan 2004 18:09:32 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [165160] Re: Re[2]: History of "72" [and 71 also]
Message-ID: <20040112.182606.10046.0.kc8aon@juno.com>

Yeah, right about the time he invented the internet !

Did you know he was born exactly 9 months after the alien crash at Roswell ? Makes one wonder ! :-)

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1
Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

On Mon, 12 Jan 2004 10:13:37 -0600 George F Franklin <w0av@juno.com>
writes:

>Hi Gang,

>

>I understand that Al Gore invented "72."

>

>72 de George/W0AV

>Hamming since 1935

>

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Date: Mon, 12 Jan 2004 19:51:09 -0600
From: "Andy Palm" <acpalm@concentric.net>
To: <qrp-l@Lehigh.EDU>
Subject: [165161] Tell me about the AT Sprint
Message-ID: <000701c3d977\$b8457080\$8d98ee42@andy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen the AT Sprint mentioned a few times, especially as the rig used by many Spartan Sprint winners. I found some general information and a picture of the original version, and I also see that a new Mark II version may be coming out in the near future.

However, I haven't seen much on this little "trail friendly" rig and I'd like to hear some comments about it from those who have used it or who know something about the new version, both pro and con. In particular, can

anyone say how it compares (or will compare) in basic performance to a KX1?

I'm getting the Rig Building Itch, and a tiny trail radio might be the next thing to do.

Best,
Andy N1KSN
Menasha, WI

Date: Mon, 12 Jan 2004 20:08:13 -0600
From: "winchar@res1.mts.net" <winchar@mts.net>
To: <qrp-l@lehigh.edu>
Subject: [165162] FOX - VE4WI - Jan 13, 2004
Message-ID: <006001c3d97a\$198aa520\$6501a8c0@CRAIG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hounds, almost time to bark at the moon !

This coming Tuesday evening, January 13th, I will be one of the 2 FOXes operating. I will be on the low side of 7.040. Planned TX freq will be in the neighborhood of 7036, listening up 1 or 2. The trusty K2 will be doing it's thing as usual.

If conditions are as bad as they have been, or when things thin out, I'll answer stations on my calling frequency.
I hope to provide plenty of pelts to all you Howling Hounds!

Craig
VE4WI
Winnipeg, Manitoba

Date: Mon, 12 Jan 2004 21:17:11 -0500
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [165163] 160m Beacon freq.: ooops...
Message-ID: <001b01c3d97b\$5b0a1ca0\$13c8e742@megalink.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry guys... I tweaked the knob and proceeded to work on an article without double checking freq. with the 706. I've been on 1.810 rather than 1.8123. Very sorry for the mistake, and hope it didn't create problems for anyone. Band seemed short tonite, but you know how fast that can change!

73
seab
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Mon, 12 Jan 2004 18:18:31 -0800 (PST)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [165164] Correction: The ARS Sojourner
Message-ID: <20040113021831.89863.qmail@web12107.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The January edition of the Adventure Radio Society's monthly web magazine, The ARS Sojourner, is hot off the virtual press and just a click away at:

<http://www.ARSqrp.com>

Here's a rundown of this month's content:

- + To the Top of New Jersey: High Point, 1,803 feet, by Curt Lambert, W3HQ
- + GPS and Adventure Radio, by John Cumming, VE3JC
- + KX1 to the Field: A tidy, durable carrying case, by Weymouth Walker, K8EAB
- + Looking Ahead: ARS' 2004 Calendar of On-Air Events, The ARS Sojourner
- + Feedback: Our Readers Write, The ARS Sojourner
- + Results and soapbox comments from the January Spartan Sprint, with recognition of champs N7SR and N4BP Champs

- + From Our Vantage Point, The ARS Sojourner
- + Who's Who and Who's New: New Members of the Adventure Radio Society, by Richard Fisher, KI6SN
- + NEW: Revised Spartan Sprint Weight Rules
- + Spartan Sprint Certificates
- + Spartan Sprint Logger and Updater, by John Huffman, NA8M
- + The Wilderness Alerts for January 2004 Updated 12/29/2003)

On behalf of ARS webmaster Charlie Wilber, N1AOK, contest manager John Huffman, NA8M, The ARS Sojourner staff and contributing writers, we hope you enjoy this edition. As always, we appreciate your feedback and editorial contributions for coming editions.

Vy 72,

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner
Riverside, CA
KI6SN@yahoo.com

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 12 Jan 2004 20:20:54 -0600
From: "Andy Palm" <acpalm@concentric.net>
To: <qrp-1@Lehigh.EDU>
Subject: [165165] A very long kit build time
Message-ID: <000701c3d97b\$e03b66e0\$8d98ee42@andy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In 1995, just before I went QRT for seven years upon our move to Wisconsin, I started building an SW80 from Small Wonder Labs, mostly because the sunspot cycle was in decline. I finished the PC board and had gathered jacks and pots and a cast aluminum case, but stopped before getting it together.

Fast forward to Spring of 2002, when the FT-817 and MP-1 lured me back on the air. I eventually dug into my boxes of ham stuff and found the unfinished kit. It took a while, but I found the manual and completed the assembly. However, at that time I was still "alignment challenged," so I

sent the rig off to SWL's repair guy Steve, together with a request to expand the VFO range (a cap change). Both Dave and Steve were a great help, and I got the rig back aligned, with the requested mod, coax added between the board and RF BNC connector, and with a few "touch-ups" of questionable solder joints--seven years after I originally bought the rig. Is that great service, or what? (The fee was modest, too.)

Unfortunately, as Steve pointed out, although the tuning range was wider, the power now dropped off significantly at either end of the tuning range because of the final bandpass filter. Somewhat disappointed, I put the rig away (I didn't even have an antenna for 80 meters) and a year and a half later I tried selling it at a hamfest. No luck. Again it went into storage, until two weeks ago when, suffering from serious solder fumes withdrawal, I got it out again. It was easy to replace the cap controlling the VFO range to a value slightly smaller than the original specification, and my alignment skills have improved considerably after building several rigs in the last couple of years.

Result--a great little rig for 80 meters with 1.5 watts across the entire tuning range of 3.539 to 3.565. After nine years I finally got it on the air and had some great contacts on nighttime 80 meters, a band I've unfortunately neglected too long. I didn't even miss having RIT.

I'm very happy that I finally got this transceiver kit in good operating condition, but it sure had to wait a long time. Do you have a similar tale? Can you beat a build time of nine years for one of your kits?

Best,
Andy N1KSN
Menasha, WI

Date: Mon, 12 Jan 2004 21:21:52 -0500
From: Michael Danchi <Infinite5ths@characterlink.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [165166] Dorm-bound ham in college needs help!
Message-ID: <40035640.5090306@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hey guys!

I'm studying violin performance at the Eastman School of Music in Rochester, NY. I'm trying to set up a QRP station in my dorm

room....and having moderately depressing success. :-\

The station currently consists of the following:

- >Oak Hills Explorer II 20M transceiver (my first HF rig, built from a kit several years ago)

- >38Special (with TiCK keyer; VERY well built by KT3A, and sold to me for almost nothing a couple of years ago)

- >ZM-2 tuner (built by Phil Salas, AD5X; sold to me at a 'college student discount' price a few weeks ago)

- >A random wire antenna (small gauge enamel wire, ~20-25' long, draped out the window)

- >A J-38 straight key (given to me by an ham in my old neighborhood)

I'm having a couple of problems:

1) The Explorer II has been.....well used. I managed to blow out (and had to replace) the final and driver a few years ago. The audio amp seems rather finicky (cuts back the audio and distorts). ...and it drifts constantly. (Oh, and the RIT function has ceased to work.....which may be just a result of a loose wire that WAS, at one point, attached to the front-panel "RIT" pot.)

2) The 38Special seems to be in fine working order.....but there is some VERY strong interference in my location, right in the middle of its tuning range. It sounds like digital/computer noise; it doesn't seem to vary much (if at all); and I'm guessing that it is a result of the 10baseT network, my fellow students' computers, and perhaps the TV cable and digital phone system wiring that runs throughout the dorms. (There are several hundred of us in a 14+ story tower in downtown Rochester.)

Obviously, the Explorer is not working very well; plus 20M tends to be open when I'm in the middle of classes, rehearsals, practice, etc. With the interference on 30M, the usable tuning range of the 38Special is VERY limited.

The up side is that the ZM-2 is working LIKE A CHAMP! (THANKS PAUL!!!)

It seems to tune just about everything. It also tunes VERY FAST (...nice for antenna experimenting). As mentioned above, my current 'antenna' is a random length of ~24-26gauge enamel wire hung out the window with a coffee mug as a weight. It's not ideal.....but nobody has noticed it yet (which is VERY important in this dorm). I'm running the random wire without a counterpoise right now. I tried hooking up to the hot water pipes for our radiator-based heating system; I tried a length of wire spread around my room; and I tried hooking up the the ground portion of my TV cable connection. All three seemed to INCREASE the amount of noise heard (on both rigs). Plus, the ZM-2 liked the setup better without the counterpoise. So I just tuned the enamel wire by itself, with the ZM-2's Link/GND switch in the GND position. Is

there any point to dangling another enamel wire out the window and attempting to use that as a counterpoise?

Is there somebody who knows the Explorer II who might be able to help me get it back up and running like it should be?

Also, is there anybody around here (Rochester, NY) with a 40M receiver who would be willing to bring it over so I can find out if the interference is as bad on 40M as it is on 30M? (I'd rather not have buy/build another rig or kit until I KNOW that a band change will solve the interference problem. Plus...another rig would cost money..... Anybody need a violinist?)

Any advice, suggestions or (ESPECIALLY) on-site assistance would be WONDERFUL. I have some basic test equipment (DMM, freq counter, etc.), soldering equipment, a few extra parts, etc.; but I'm a little tired of stumbling around on my own. :-|

--

Michael F. Danchi, violinist
"Guardian 7" (KE4TSA)
Jeremiah 33:3

Date: Mon, 12 Jan 2004 20:54:00 -0500
From: Brad Thompson <Brad.Thompson@valley.net>
To: markem@cox.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165167] Slide-rule joke (was: Re: Computing (was QRP Computers))
Message-ID: <5.0.2.1.2.20040112205129.00ab8790@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

Old engineering-college-humor magazine joke:

Student: "Professor, what are you doing with your slide rule?!"
Professor: "I'm killing flies."
Student: "Well, doesn't that affect its accuracy?"
Professor: "No... it still kills as good as when I started."

73--

Brad AA1IP

At 03:56 PM 01/12/2004 -0700, M.M. wrote:

>At 15:09 01/12/04, w9ya wrote:

>

>>Actually information on what and how to use almost any scale you encounter on
>>a slide rule are on the internet ...

>

>

>I dunno...there's just something about using a computer to access the
>internet to get instructions on how to use a slide rule...

>

>I still have my college Pickett 12" with the original leather case (and
>belt clip), instruction manual, and original box...

>

>Regarding the wood/bamboo vs aluminum rules, my EE roommate once dropped
>his aluminum Pickett into one of his projects and ruined both the project
>and his Pickett. He found out why a lot of EE's preferred the
>non-conductive slip-sticks.

>

>73... Mark AA7TA

>

Date: Mon, 12 Jan 2004 20:35:01 -0600

From: "Jim Sheldon" <w0eb@cox.net>

To: "Flying Pigs Mailing List" <fpqrp-1@mpna.com>,
"Four States QRP Group" <4sqrp@mailman.qth.net>,

Subject: [165168] Small Wonder Labs PSK-20 Mod (long)

Message-ID: <IBEGLCMLCDHHEFLBPHBOAEFDDAAA.w0eb@cox.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

With a little boot in the butt from "Melt Solder Steve" KD1JV who reminded me that I still knew the right theory, and all I had to do was look a little closer at the schematic, I have very successfully interfaced the KG6CYN Digital Signal Generator project to a Small Wonder Labs PSK-20 QRP PSK31 transceiver.

As originally designed, it is set up for LSB because the crystal lattice filter uses all 9.0 MHz crystals, and it was much easier to use one of the same 9.0 MHz rocks for the BFO crystal. Kinda hard to increase the frequency, so when you pull it lower with a capacitor, you get lower

sideband (assuming low side injection). The frequency determining oscillator was a colpitts crystal circuit at 5.068 MHz, which when mixed with the nominal 9.0 MHz IF, gives an operating frequency of approximately 14.072, LSB. Using Digipan, set for lower sideband, this gives a PSK32 range of roughly 14.068 to 14.072. This is plenty of BW for normal PSK operation.

After winning one of these little beasties in the Flying Pigs QRP Club's "Worked All Pigs 2003" contest for coming in third, and having built one of Trevor's DDS signal generator projects, I got this entirely hair brained idea to make the PSK-20 quite a bit more frequency agile and by doing so, make it quite a bit more versatile.

After a bit of experimentation on my part, and a nudge in the right direction by Steve Weber, The mod to the older style PSK-20 rig (the one with the serial port, not the newest one that uses VOX. It should work with that one too, but the parts designators will be different.)

First, build the PSK-20 per the instructions and get it working on crystal control. This will simplify alignment and insure that you are starting from a level playing field.

Once you're satisfied that it's working properly, unplug everything, get out the soldering iron and desoldering braid or solder sucker.

First, remove the 5.07 MHz crystal Y5 and it's trimmer capacitor C48. Jumper across the pads of C48 to give an easily accessable ground point. Next remove C49, C50 (the colpitts oscillator feedback capacitors), and R63. If you didn't break R63 when you removed it, solder it back into the circuit using the pads vacated by C50. This converts Q8 from a colpitts crystal oscillator to an emitter follower buffer current amplifier. Replace the old R63 with a .01 microfarad capacitor. Next, remove C51 and L7, jumpering the pads vacated by L7 with a small piece of component lead. Next, using a length of RG-174/U connect the coax across the pads vacated by the 5.07 MHz crystal, Y5. The center conductor of the coax goes to the pad that connects to the junction of R61, R62 and the base lead of Q8. The shield of the Coax goes to the other pad, or you can just solder it to the wire jumper lead you put in place of the Crimmer C48. The other end of this coax goes to whatever connector you use to get the signal in from the DDS generator.

Trevor's DDS generator has the capability of programming a receive offset, and I used that to good advantage. After powering up the unit, I set the DDS to 9.0 MHz (plug in a pair of headsets to J1, the MICR. jack and you'll hear the tone. Tune the DDS to just zerobeat that tone. Now set the DDS to SPLIT and tap the mem switch once to make the lower frequency designator change from a t to a T. This sets VFO B to whatever frequency you came up with when you set the DDS to zerobeat with the 9 MHz BFO crystal. Now, hold down the MEM switch until the "Select Menu Item" comes up and turn the

encoder till you see "STORE RX OFFSET" Press the TS/OS switch once and you'll get "STORE RX OFFSET ARE YOU SURE?". pRESS THE TS/OS switch once more, and the 9 MHz frequency you determined will be stored as the RX offset. This will allow you to read your 20 meter frequency accurately in the DDS display. What you have done is set up HI SIDE injection at 23 MHz instead of LO SIDE injection at 5 MHz. This gives you USB and you will be able to listen to SSB stations quite nicely.

Now, hook up an antenna and tune in either a fairly weak CW signal around 14.060 or a weak PSK signal at 14.070, and re-peak the RX front end L3, and the IF output transformer T1. It shouldn't have shifted much from when you first aligned it, but there will be a slight difference in LO injection voltage, so re-peakng may be necessary for optimum operation.

You can now use it for pretty much all the sound card digital modes besides PSK-31, to include RTTY (remember to use reverse as you are now on USB and normal for RTTY is LSB), MFSK-16 (reverse applies here too), Hellschreiber, etc. For those modes that are sideband dependent, if they were designed for USB, leave it alone, if for LSB, use reverse mode. That's all there is to it. It took less time to do the mod than to compose this email.

Jim Sheldon, W0EB
Wichita, KS
FP#616, QRP-L #2487, 4SQR, NorCal Zombie #808, ARS#-1495
and proud owner of Small Wonder Labs PSK-20 and DSW-II-20 transceivers.

Date: Mon, 12 Jan 2004 20:42:35 -0600
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "Elecraft List" <elecraft@mailman.qth.net>,
"qrp-l" <qrp-l@lehigh.edu>
Subject: [165169] Mobile, AL QRP Invitation - Part Deux
Message-ID: <BNEPJEFBCHHJONFNPKOFIEKMCAAA.aj4ay@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Some last minute conflicts have forced us to change the date of our QRP gathering in Mobile, AL to this Saturday 1/17 at 1400 hrs. Location is still at Jim's place (K4ZM).

If you find yourself in our city this week end, you are most welcome to come join us for our first-ever QRP social. Drop me an e-mail for instructions

on how to get to Jim's QTH.

Jim has lots of Elecraft goodies to show off. I'll bring my trusty K2 and vertical dipole antenna. Bring your latest QRP project(s) and plan to have fun.

My best to everyone.

Jay
AJ4AY
Mobile, AL
QRP-L 1372, FP -115

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.560 / Virus Database: 352 - Release Date: 1/8/2004

Date: Mon, 12 Jan 2004 21:52:06 -0500
From: Frank Brickley <brickley@pobox.com>
To: sslyon@megalink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165170] Re: 160m Beacon freq.: ooops...
Message-ID: <40035D56.9040502@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

0248Z peaking S3 in FN20qo, slight QSB.

73
Frank
AB2KT

sslyon wrote:

> Sorry guys... I tweaked the knob and proceeded to work on an
> article without double checking freq. with the 706. I've been on
> 1.810 rather than 1.8123. Very sorry for the mistake, and hope
> it didn't create problems for anyone. Band seemed short tonite,
> but you know how fast that can change!
> 73
> seab
> aa1my
>
> Seabury & Sharon Lyon
> 99 Sparrowhawk Mtn Rd

> Bethel ME, 04217 U.S.A.
> 207-836-2576
>
> Virus Protection by Norton and ZoneAlarm
>
>
>

Date: Mon, 12 Jan 2004 21:19:17 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
"Ten-Tec Relector" <tentec@contesting.com>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [165171] SOLD = T-T 405/251
Message-ID: <412004121331917728@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

The Ten Tec 405 amp and matching 251 power supply have been spoken for.
Thanks to all who inquired.

73,
--Doc/K0EVZ

Date: Mon, 12 Jan 2004 21:20:36 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [165172] RE: [qrp-l] Re: History of "72" [and 71 also]
Message-ID: <001b01c3d984\$36265c60\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yep, my favorite politically correct knee-jerk on QRP-L. Gets funnier every time.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of w9ya

On Monday 12 January 2004 11:13 am, George F Franklin wrote:

> Hi Gang,
>
> I understand that Al Gore invented "72."
>
> 72 de George/W0AV
> Hamming since 1935

Excellent thought,...ya made my day !

Bob
w9ya

Date: Mon, 12 Jan 2004 21:22:1 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [165173] SOLD = several QRP rigs
Message-ID: <41200412133221344@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

The following rigs have all been spoken for = the two Rock-Mites, the OHR Explorer II for 40 Metres, and the Wilderness SST-40.

Still available = Small Wonder Labs DSW-II/20, and the SST-20 with builtin keyer.

Thanks for reading, everyone.

73,
--Doc/K0EVZ

Date: Mon, 12 Jan 2004 20:46:13 -0700
From: Earl Murphy <VA6RF@telus.net>
To: QRP-L@lehigh.edu
Subject: [165174] FS--AT SPRINT (unbuilt-still sealed)
Message-ID: <40036A05.DBF305DD@telus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Taking offers on this rare little piece....It's not leaving under \$150 US , I'll pay the postage....So, you serious builders and/or collectors make me an offer I can't refuse....I'll -NOT- divulge who the highest offer was of what it went for.....Need the green backs to finance another project....

Regards ...Earl (VA6RF)

Date: Mon, 12 Jan 2004 23:10:34 -0500
From: Lee Mairs <lmairs@direcway.com>
To: Andy Palm <acpalm@concentric.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165175] Re: Tell me about the AT Sprint
Message-ID: <01ed01c3d98b\$3519ca30\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

There is no sense in learning anything about the AT Sprint. Nobody is selling their Sprint and there is a giant list of folks like me ready to buy one if it becomes available. Steve Weber hit the ball out of the park with this radio.

73 de Lee
KM4YY/8

----- Original Message -----
From: "Andy Palm" <acpalm@concentric.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 12, 2004 8:51 PM
Subject: Tell me about the AT Sprint

> I've seen the AT Sprint mentioned a few times, especially as the rig used
by
> many Spartan Sprint winners. I found some general information and a
picture
> of the original version, and I also see that a new Mark II version may be
> coming out in the near future.
>
> However, I haven't seen much on this little "trail friendly" rig and I'd
> like to hear some comments about it from those who have used it or who
know
> something about the new version, both pro and con. In particular, can
> anyone say how it compares (or will compare) in basic performance to a
KX1?
>
> I'm getting the Rig Building Itch, and a tiny trail radio might be the
next
> thing to do.
>
> Best,
> Andy N1KSN
> Menasha, WI
>
>
>

Date: Mon, 12 Jan 2004 22:15:33 -0600
From: Jim Smith <n0oct@sbcglobal.net>
To: qrp-1@Lehigh.EDU
Subject: [165176] Re: Computing (was QRP Computers)
Message-ID: <20040112221533.604095b8.n0oct@sbcglobal.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Mon, 12 Jan 2004 19:03:11 EST
qrp-1@Lehigh.EDU wrote:

> Gang,
> I have been following this thread with some interest. Unfortunately
> when the first calculators came out in the 1970's, my Aunt (always one

> to be the first on the block...) bought all of us kids one. These
> were the Texas Instruments calculators with green flouresant display.
> Only the basic functions +-x/. No memory or anything fancy like that.
> I
> remember that my elementary school teacher wouldn't let me use it in
> class. I never learned to use a slide rule in High School or VoTech
> school (electronics) as calculators were everywhere by then.
> So, if I wanted to pick one up from ebay, which one should I get? Is
> there a popular model that all the rocket scientists at NASA used
> during the Apollo program? Something that I can use in the shack?
> Thanks,
> 73/72 - Kevin, W8VOS

Well, that's a very personal question no doubt likely to spark a discussion of Theological Proportions. Me, I use a Keuffel & Esser and a Post [Hemmi]. I prefer the Post, as the bamboo never sticks, while the K&E does have a tendency to. For all those that are going to inform me on how to 'lube' the K&E, it shouldn't be done.

Get one that can do trig functions, but be aware some use degrees and some use radians instead. That plus log & ln functions ought to handle just about anything in the shack. There are also electrical and RF models that were available.

As always, don't forget that Size Matters.

Go here for more info: <<http://www.sphere.bc.ca/test/sruniverse.html>>
More than you may ever want to know.

--
72, Jim n0oct

Date: Mon, 12 Jan 2004 23:17:01 -0500
From: sergio <sergio@village-buzz.com>
To: elecrafft@mailman.qth.net, qrp-1@Lehigh.EDU
Subject: [165177] consistent (i think) k1 problems..
Message-ID: <6.0.1.1.2.20040112225919.01cd7150@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i have been having a few different problems, and i think i am finally narrowing them down, but i need help..

for awhile, i was getting an e42 error constantly.. always out of nowhere..
i would just turn my radio on, and i would have the problem..

it would run okay.. for about half a day.. then, the problem would hit..

i resoldered ALL the connectors on the front panel that connect it to the rf board..

i resoldered the resistors and transistor that are mentioned in the text..

that didn't seem to help..

then, i resoldered L1.. i laid into it to make sure that there was no way there could be any coating left on the wires..

this seemed to remedy the situation..

BUT.. at the same time, i changed the rig over to battery power.. i was having some issues getting a good ground match on my artificial ground, and i wanted to isolate whatever else may have been in the loop..

previously, i was using a radio shack 13.8 volt regulated power supply... (10 amp).. with a 2 amp fuse in series with the radio..

i switched over to the battery, and everything tuned up great.. and i was on easy street..

over the past few days, two people have told me that my signal was drifting in frequency.. as i was sending, i kept an eye on my freq, and i saw that it was indeed dropping during my end of the qso.. dropping about 300 hz in a matter of two minutes or so...

in order to check this, i set up my memory keyer to send a cq beacon for a few minutes.. it was still drifting like crazy.. but only in one direction, lower.

then, i decided to check the battery voltage (that little voltage meter on the k1 is really sweet!) and found that it started around 12.7 and had gone down to 12.4 over a few days.. not too much to worry about..

so, in order to make sure i wasn't getting a weird reading due to the battery dying, i hooked the power supply. it checked in at 13.8..

that seemed right.. so i sent about a minute of cq's.. after about 30 seconds, i was back to the same old e42 error... i am sure if i pull it apart and goof around with it, i can fix it, but it seems kind of odd that it would start back up the minute i put the power supply back online..

next.. okay.. while i was tuning the radio up on different bands to see how it worked on batteries, i found that i was only getting about 2 watts out

on 30m... i checked the menu to make sure it was set for 5w, and it was.. i moved it around a little bit both ways, in order to make sure it was not stuck somehow.. and it wasn't stuck.. but i could still only get 2 watts out. everything tuned up great, and seemed to be fine, but only with 2 watts..

i need help with all this .. can someone give me some pointers?

peace,
...sergio
photographer, journalist, visionary

www.village-buzz.com <- read my blog
www.coffee-black.com <- my photography

Date: Mon, 12 Jan 2004 22:23:36 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165178] Re: Computing (was QRP Computers)
Message-ID: <02a501c3d98d\$03d431c0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Every K&E I ever saw or used was made of cherry wood, Bruce. I still have the one I used throughout undergrad and grad school, including the belt case with the torn flap!

73, George W5YR
w5yr@att.net

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 12, 2004 11:35 AM
Subject: Re: Computing (was QRP Computers)

> Kevin,
>
> If you want a slide rule to learn on, or to learn about, I might

> recommend any of the ten inch rules, BUT it must be in good condition
> and come with the manufacturer's instruction book.
>
> Mike has already warned you about bent aluminum. That is the kiss of
> death for a Pickett. K&E and Post were made of bamboo. Slide rules were
> made, mostly, by drafting equipment companies. The bamboo they used was
> especially stable.
>
> In this area, Washington, DC, we have an annual "Machine Tools" Show
> where many vendors sell new and used slide rules. I bought a new pocket
> model Pickett there several years ago. I had never owned either a
> Pickett or a pocket model before.
>
> My favorite is the K&E. I still have the one I bought new at the K&E
> store here in Washington! Served me well!
>
> The reason I say to be sure it has the original book with it is almost
> anyone can puzzle out the basic scales, but the book will be of great
> help when trying to figure out the rest of the scales!
>
> 7
>

Date: Mon, 12 Jan 2004 22:28:29 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kd1jv@moose.ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165179] Re: Slide rules
Message-ID: <031001c3d98d\$b2c7f1d0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I do! Bought it for a dollar at an auction. Still like a new rule in the case.

73, George W5YR
w5yr@att.net

----- Original Message -----
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 12, 2004 10:22 AM

Subject: Slide rules

> I still have the set of Picket S/R's (12" and 6") they made me buy when I
> started collage. Still have the instruction books that came with them too!
> (those might be more valuable than the silde rule!)
>
> But how many of you have a Lafayette Bamboo "Electrical
Communications"
> Slide rule? This one has special scales for dB, Inductive and capacitance
> reactance, wave length, resonance frequency, vector calculations and of
> course, all the normal stuff. I should dig it up and see if I can figure
> out how to use it again :-)
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Mon, 12 Jan 2004 22:32:36 -0600
From: Jim Smith <n0oct@sbcglobal.net>
To: qrp-l@Lehigh.EDU
Subject: [165180] Re: Computing (was QRP Computers)
Message-ID: <20040112223236.7dd5abb9.n0oct@sbcglobal.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Mon, 12 Jan 2004 19:03:11 EST
Bruce Muscolino <w6toy@erols.com> wrote:

> Kevin,
>
> If you want a slide rule to learn on, or to learn about, I might
> recommend any of the ten inch rules, BUT it must be in good condition
> and come with the manufacturer's instruction book.
>
> Mike has already warned you about bent aluminum. That is the kiss of
> death for a Pickett. K&E and Post were made of bamboo.

<Ahem> Bruce old Boy, K&E's were made of *mahogany*. Also, the white
stuff was never ivory [as some folks sometimes think].

I have an old K&E that was my wife's Great-Grandfather's. It's a beautiful old 6" rule, and dates to about 1903.

--

72, Jim n0oct

Date: Mon, 12 Jan 2004 23:32:41 -0500
From: w2bvh <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>, njqrp@njqrp.org
Subject: [165181] Nice site
Message-ID: <400374E9.3000600@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Don't know if it's been mentioned here before but
<http://www.qrp.pops.net> is a very nice homebrewing site.

73,
Lenny W2BVH

Date: Mon, 12 Jan 2004 23:44:04 -0500
From: "sslyon" <sslyon@megalink.net>
To: <lmairs@direcway.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165182] the so-called " AT Sprint"
Message-ID: <001401c3d98f\$dfcfe3c0\$13c8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

... or to paraphrase....

> There is no sense in learning anything about the AT Sprint.
* It's a cruel myth foisted on weak, gullible SPrinters;
* -and even if it wasn't,
> Nobody is selling their Sprint and there is a giant list of
> folks like me ready to buy one if it becomes available.
* or rather, if it becomes a reality.
> Steve Weber hit the ball out of the park with this...
* whopper of a myth, and you would do well to forget

- * all about it and let the delusionals rant and rave.
- * You are only enabling them and prolonging the
- * agonies of de-tox and the 12-step program.

Now... say after me:

"Hello, my name is _ _ _ _ and I'm a Gullible SPrinter. I've been mostly clean for nearly twelve hours now and... ..."

Date: Mon, 12 Jan 2004 21:57:54 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [165183] Re: Slip Stick Selection (was: Computing, etc.)
Message-ID: <5.1.1.6.2.20040112210035.00a2a0e0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

QRP and slide rules. It's two facets of the same thing: simple, elegant, and addictive!

Here are some things to look for in a basic engineering slide rule. Start with the scale selection. I'm looking at a Hemmi bamboo model (from Japan), which is nearly identical to the K&E and Pickett rules I've used:

C,D: basic multiply and divide scales
A,B: squares and square roots
K: cubes and cube roots
L: common logarithms and powers of ten
S, T, ST: sine and tangent (trig) functions
CI: quick division
CF, DF, CIF: multiply/divide by pi
LL scales: natural logarithm and exponentials (base e) Since these don't repeat nicely for powers of ten, there are many of them: LL/3 through LL3 (eight scales) covers about .00005 to 20,000. More is better.

Next check the mechanics. You want set screws so you can align the upper and lower fixed scales, eliminate play and excessive drag on the slide, and square up the cursor window. If screws are missing or stripped, it will never stay in proper adjustment. If the fixed scales are seriously warped (so you can't eliminate the slop without the slide binding, despite liberal applications of drafting pencil dust) you have a "collector's item": nice to look at, but not to use.

Good luck, and have fun looking!

72,

--Tim (KR0U)

>Kevin M., W8VOS" <adverseyaw@twmi.rr.com>:
>So, if I wanted to pick one up from ebay, which one should I get? Is
>there a popular model that all the rocket scientists at NASA used during
>the Apollo program? Something that I can use in the shack?

Date: Mon, 12 Jan 2004 21:01:06 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165184] Re: Slide-rule joke (was: Re: Computing (was QRP Computers))
Message-ID: <20040113050106.GA20374@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Jan 12, 2004 at 08:54:00PM -0500, Brad Thompson wrote:

> Hello--
>
> Old engineering-college-humor magazine joke:
>
> Student: "Professor, what are you doing with your slide rule?!"
> Professor: "I'm killing flies."
> Student: "Well, doesn't that affect its accuracy?"
> Professor: "No... it still kills as good as when I started."
>
> 73--
>
> Brad AA1IP
> *****

Speaking of professors and slide rules, I remember in a freshman chemistry class at Caltech in 1958 watching Nobel laureate Linus Pauling work through a calculation with his 6-in. slide rule and then write down the answer on the blackboard to 5 or 6 decimal places. At first we couldn't figure out he could read it that precisely, but then it became obvious that he was glancing down at the written answer in the notebook on his desk.

73, Bob N7XY

Date: Tue, 13 Jan 2004 00:04:13 -0500
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-1@Lehigh.EDU, w1rfi@arrl.org
Subject: [165185] Re: Handbook
Message-ID: <Law11-F38d3SvWpfpWw00024698@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

What _I_ would like to see is the ARRL reprint some of the "classic" handbooks, i.e. 1939, 1956 - even on CD-ROM would be great. I bet that the ARRL would be able to sell a bunch of 'em!

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan
MultiPig+ #3 - K2 #3555
DSW-II-20 - SW-40+ - SW-30+
RM-20 - RM-40

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:=)

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<http://join.msn.com/?pgmarket=en-us&page=hotmail/es2&ST=1>

Date: Mon, 12 Jan 2004 22:03:08 -0700
From: "John Stevens" <jwsteven@concentric.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [165186] FYBO 2004
Message-ID: <007c01c3d992\$8a647d80\$0201a8c0@k5js.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FYBO will be held on Saturday, February 7 around the usual QRP CW/SSB

watering holes. WARC bands excluded. Times are 1600Z to 2400Z. A Multi-Multi category has been added for this year and bonus points for using Az ScQRPion paddles and Class E transmitters. Otherwise, the rules are pretty much the same as last year. Lots of awards including such things as paddle kits, Stinger Singer Frequency Counter semikits, ScQRPion pins, certificates and whatever else we can find that didn't sell at the last flea market. :-)) Paddles will be awarded to the top multi op and multi-multi groups too. You guys will have to figure out how to award them within your own groups... <Very Evil Grin> No fighting.

We're adding a new award category this year called "Just 'cause we feel like it." No rules for this one. We'll have a "Soapbox" section published with the results. We STRONGLY encourage relating your tales of trials, visits from Murphy, triumphs, woes, just plain hard work, bad luck, good fortune, arrests, out and out bragging, high misery to contact ratio, good deeds, or any other things you'd like to confess and get off your chests.

Rules for last year are to be found at
<<http://www.extremezone.com/~nk7m/fybo2003.htm>>. Consider this announcement a preview as we have not updated the site yet with the final details. They'll be up soon with an announcement on QRP-L when that happens.

Now. Back to tapping 4-40 screw holes in a big pile of brass paddle bases on my floor that will be shipped out sometime this coming weekend or early next week.

73 john k5js
Az ScQRPions

Date: Tue, 13 Jan 2004 00:10:00 -0500
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: n4xy@earthlink.net, qrp-l@Lehigh.EDU
Subject: [165187] RE: Interesting company...
Message-ID: <Law11-F39jxe0ymQ1WE00000ef7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have done business with them on Ebay (a couple of 1206 SMT cap kits) and they shipped fast and they seem to be OK to do business with.

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan
MultiPig+ #3 - K2 #3555
DSW-II-20 - SW-40+ - SW-30+
RM-20 - RM-40

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:=)

Check out the new MSN 9 Dial-up fast & reliable Internet access with prime
features! <http://join.msn.com/?pgmarket=en-us&page=dialup/home&ST=1>

Date: Tue, 13 Jan 2004 00:09:52 -0500
From: Richard Lourette <lourette@frontiernet.net>
To: qrp-1@Lehigh.EDU
Subject: [165188] Re: Dorm-bound ham in college needs help!
Message-ID: <5.1.1.6.0.20040113000609.0207b5b0@pop3.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Michael,

There are at least two of us on the list from Rochester. Me (AB2MD) and Keith
(WB2VU0). This week is kind of busy, but I could stop by with my Small Wonder Labs
SW40+ on the way home from work some evening next week.

Let me know.

Rich

--
Richard Lourette
AB2MD @ arrl.net
lourette @ frontiernet.net

Date: Mon, 12 Jan 2004 21:34:50 -0800 (PST)
From: David Toepfer <davetoepfer@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165189] Re: Tell me about the AT Sprint
Message-ID: <20040113053450.15733.qmail@web12822.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Andy, don't ever let anyone who is just trying to discourage you from joining the already large group of people excited about a rig like the AT Sprint succeed. They just don't want you bidding up a rig they want for themselves. Just recognize, they are valuable, and you will pay dearly for one.

dt

.

--- Lee Mairs <lmairs@direcway.com> wrote:
> There is no sense in learning anything about the AT Sprint. Nobody is
> selling their Sprint and there is a giant list of folks like me ready to buy
> one if it becomes available. Steve Weber hit the ball out of the park with
> this radio.
> 73 de Lee
> KM4YY/8
>
> ----- Original Message -----
> From: "Andy Palm" <acpalm@concentric.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, January 12, 2004 8:51 PM
> Subject: Tell me about the AT Sprint
>
>
> > I've seen the AT Sprint mentioned a few times, especially as the rig used
> by
> > many Spartan Sprint winners. I found some general information and a
> picture
> > of the original version, and I also see that a new Mark II version may be
> > coming out in the near future.
> >
> > However, I haven't seen much on this little "trail friendly" rig and I'd
> > like to hear some comments about it from those who have used it or who
> know
> > something about the new version, both pro and con. In particular, can
> > anyone say how it compares (or will compare) in basic performance to a
> KX1?
> >
> > I'm getting the Rig Building Itch, and a tiny trail radio might be the
> next
> > thing to do.
> >
> > Best,

> > Andy N1KSN
> > Menasha, WI
> >
> >
> >
> >
>

Date: Mon, 12 Jan 2004 21:43:49 -0800 (PST)
From: David Toepfer <davetoepfer@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165190] Re: Tell me about the AT Sprint
Message-ID: <20040113054349.51908.qmail@web12821.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- David Toepfer <davetoepfer@yahoo.com> wrote:
> Andy, don't ever let anyone who is just trying to discourage you from joining
> the already large group of people excited about a rig like the AT Sprint
> succeed. They just don't want you bidding up a rig they want for themselves.

Oops, forgot the smilie. :-) Don't want to start a flame war.

> Just recognize, they are valuable, and you will pay dearly for one.

>
> dt
> .
>

> --- Lee Mairs <lmairs@direcway.com> wrote:
> > There is no sense in learning anything about the AT Sprint. Nobody is
> > selling their Sprint and there is a giant list of folks like me ready to
> buy
> > one if it becomes available. Steve Weber hit the ball out of the park with
> > this radio.
> > 73 de Lee
> > KM4YY/8
> >

> > ----- Original Message -----

> > From: "Andy Palm" <acpalm@concentric.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Monday, January 12, 2004 8:51 PM
> > Subject: Tell me about the AT Sprint

> >
> >

> > > I've seen the AT Sprint mentioned a few times, especially as the rig used
> > by

> > > many Spartan Sprint winners. I found some general information and a
> > picture
> > > of the original version, and I also see that a new Mark II version may be
> > > coming out in the near future.
> > >
> > > However, I haven't seen much on this little "trail friendly" rig and I'd
> > > like to hear some comments about it from those who have used it or who
> > know
> > > something about the new version, both pro and con. In particular, can
> > > anyone say how it compares (or will compare) in basic performance to a
> > KX1?
> > >
> > > I'm getting the Rig Building Itch, and a tiny trail radio might be the
> > next
> > > thing to do.
> > >
> > > Best,
> > > Andy N1KSN
> > > Menasha, WI
> > >
> > >
> > >
> >
>
>

Date: Tue, 13 Jan 2004 00:49:30 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [165191] FW: Re: Handbook
Message-ID: <410-22004121354930352@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

What I would really like to see is for the ARRL to do with the handbooks just like they did with the collection of QST. Copy them all to CD-ROM and make them available as single years, and or as multiple years in a package or ALL of them from number 1 to the present. I figure a set would be expensive but if you should want a complete basic history of ham radio there it is. I have 3 of the handbooks on CD and plan to get more just as soon as I can. I had every issue from 1940/? something to the year ARRL stopped printing a hardbound copy. I think they skipped one year and then restored the hardbound version. This happened somewhere in the 90's I think. The ARRL made that skip and I got ticked about it and stopped buying ARRL handbooks and went to buying Bill ORR handbooks and now I am back to

ARRL handbooks. The handbooks took up so much space my wife was ALWAYS on my case about the collection of ARRL Handbooks so I finally gave in and sold them at a couple of hamfets. Been sorry ever since but would cost toooo much to reassemble the collection especially considering that most of them were Hardbound copies. ARRL are you listening? ? ? copy the handbooks to CD-ROM, I would like to eventually have ALL of them Number 1 to current. 73 Jim K4YBB

James Kelley
k4ybb@earthlink.net
Why Wait? Move to EarthLink.

> [Original Message]
> From: Dennis Ponsness <wb0wao@hotmail.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: 1/13/2004 12:04:13 AM
> Subject: Re: Handbook
>
> What _I_ would like to see is the ARRL reprint some of the "classic"
> handbooks, i.e. 1939, 1956 - even on CD-ROM would be great. I bet that
> the
> ARRL would be able to sell a bunch of 'em!
>
>
>
> 72 es oo
>
> Dennis - WB0WAO
>
> EN84ij Iosco County, Michigan
> MultiPig+ #3 - K2 #3555
> DSW-II-20 - SW-40+ - SW-30+
> RM-20 - RM-40
>
> FPQRP #-347 FISTS #9299
>
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> :=)
>
>
> -----
> There are now three new levels of MSN Hotmail Extra Storage! Learn more.
> <http://join.msn.com/?pgmarket=en-us&page=hotmail/es2&ST=1>

Date: Mon, 12 Jan 2004 22:14:30 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: k4ybb@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165192] Re: Handbook
Message-ID: <003101c3d99c\$8253c740\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,

I completely agree and second your motion to have all handbooks #1 to current put on CD! I have some of them dating back to the 50's and 60's, and they are fantastic, especially for working on vintage gear. I'd love to have a complete set of handbooks on CD, and I'd be willing to pay a good amount for it. Besides, if they haven't transferred that information to digital storage yet, they should do so before it gets lost.

Good suggestion Jim! I want to be #2 on the list for the CD collection...

73's Trev - KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "James Kelley" <k4ybb@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 12, 2004 9:49 PM
Subject: FW: Re: Handbook

> What I would really like to see is for the ARRL to do with the
handbooks
> just like they did with the collection of QST. Copy them all to CD-ROM and
> make them available as single years, and or as multiple years in a package
> or ALL of them from number 1 to the present. I figure a set would be
> expensive but if you should want a complete basic history of ham radio
> there it is. I have 3 of the handbooks on CD and plan to get more just as
> soon as I can. I had every issue from 1940/? something to the year ARRL
> stopped printing a hardbound copy. I think they skipped one year and then
> restored the hardbound version. This happened somewhere in the 90's I
> think. The ARRL made that skip and I got ticked about it and stopped

buying

> ARRL handbooks and went to buying Bill ORR handbooks and now I am back to
> ARRL handbooks. The handbooks took up so much space my wife was ALWAYS on
> my case about the collection of ARRL Handbooks so I finally gave in and
> sold them at a couple of hamfets. Been sorry ever since but would cost
> tooooo much to reassemble the collection especially considering that most
> of them were Hardbound copies. ARRL are you listening? ? ? copy the
> handbooks to CD-ROM, I would like to eventually have ALL of them Number 1
> to current. 73 Jim K4YBB

>

>

>

>

> James Kelley

> k4ybb@earthlink.net

> Why Wait? Move to EarthLink.

>

>

> > [Original Message]

> > From: Dennis Ponsness <wb0wao@hotmail.com>

> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> > Date: 1/13/2004 12:04:13 AM

> > Subject: Re: Handbook

> >

> > What _I_ would like to see is the ARRL reprint some of the "classic"

> > handbooks, i.e. 1939, 1956 - even on CD-ROM would be great. I bet that
> the

> > ARRL would be able to sell a bunch of 'em!

> >

> >

> >

> > 72 es oo

> >

> > Dennis - WB0WAO

> >

> > EN84ij Iosco County, Michigan

> > MultiPig+ #3 - K2 #3555

> > DSW-II-20 - SW-40+ - SW-30+

> > RM-20 - RM-40

> >

> > FPQRP #-347 FISTS #9299

> >

> > Charter Member - Michigan DX Association

> > www.wb0wao.com

> > :=)

> >

> >

> > -----
> > There are now three new levels of MSN Hotmail Extra Storage! Learn

more.

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>
>
>
>
>

Date: Tue, 13 Jan 2004 02:05:59 -0500

From: w9ya <w9ya@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [165193] Re: FW: Re: Handbook

Message-ID: <200401130205.59545.w9ya@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Here here, a good idea and I agree.

Now to cut down on space requirements, representative years are just as acceptable as long as no information from any given year is left out. I think this is do-able. Oh yeah, the ads from all years should be included.

I would buy this set in a heart beat.

Vy 72;

Bob

w9ya

On Tuesday 13 January 2004 12:49 am, James Kelley wrote:

> What I would really like to see is for the ARRL to do with the handbooks
> just like they did with the collection of QST. Copy them all to CD-ROM and
> make them available as single years, and or as multiple years in a package
> or ALL of them from number 1 to the present. I figure a set would be
> expensive but if you should want a complete basic history of ham radio
> there it is. I have 3 of the handbooks on CD and plan to get more just as
> soon as I can. I had every issue from 1940/? something to the year ARRL
> stopped printing a hardbound copy. I think they skipped one year and then
> restored the hardbound version. This happened somewhere in the 90's I
> think. The ARRL made that skip and I got ticked about it and stopped buying
> ARRL handbooks and went to buying Bill ORR handbooks and now I am back to
> ARRL handbooks. The handbooks took up so much space my wife was ALWAYS on

> my case about the collection of ARRL Handbooks so I finally gave in and
> sold them at a couple of hamfests. Been sorry ever since but would cost
> tooooo much to reassemble the collection especially considering that most
> of them were Hardbound copies. ARRL are you listening? ? ? copy the
> handbooks to CD-ROM, I would like to eventually have ALL of them Number 1
> to current. 73 Jim K4YBB
>
>
>
>
> James Kelley
> k4ybb@earthlink.net
> Why Wait? Move to EarthLink.
>
> > [Original Message]
> > From: Dennis Ponsness <wb0wao@hotmail.com>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Date: 1/13/2004 12:04:13 AM
> > Subject: Re: Handbook
> >
> > What _I_ would like to see is the ARRL reprint some of the "classic"
> > handbooks, i.e. 1939, 1956 - even on CD-ROM would be great. I bet that
>
> the
>
> > ARRL would be able to sell a bunch of 'em!
> >
> >
> >
> > 72 es oo
> >
> > Dennis - WB0WAO
> >
> > EN84ij Iosco County, Michigan
> > MultiPig+ #3 - K2 #3555
> > DSW-II-20 - SW-40+ - SW-30+
> > RM-20 - RM-40
> >
> > FPQRP #-347 FISTS #9299
> >
> > Charter Member - Michigan DX Association
> > www.wb0wao.com
> >
> > :=)
> >
> > -----
> > There are now three new levels of MSN Hotmail Extra Storage! Learn more.
> > <http://join.msn.com/?pgmarket=en-us&page=hotmail/es2&ST=1>

Date: Fri, 9 Jan 2004 12:56:42 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-1@Lehigh.EDU>, <qrper72@ybb.ne.jp>
Subject: [165194] Re: Simple Tube TX
Message-ID: <3FFEEB5A.0000006.00428@etower>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great web page, and a very fine construction job on that rig. One caution to note is that there is no tuned circuit in the plate side of the finals, it must be used with an external low pass filter, connection directly to an antenna will violate regulations here in the US and probably elsewhere.

73/72 - Mike WA8BXN

Date: Tue, 6 Jan 2004 17:09:45 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-1@Lehigh.EDU>, <w2rbn@frontiernet.net>
Subject: [165195] Re: Tuning Knobs
Message-ID: <3FFB3229.0000009.00160@etower>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Did you try a hobby shop for the screws?

73/72 - Mike WA8BXN

-----Original Message-----

From: w2rbn@frontiernet.net
Date: 01/06/04 16:44:36
To: Low Power Amateur Radio Discussion
Subject: Tuning Knobs

Hi,

Does anyone know where I can get the hardware that enables knobs to be used with variable capacitors such as are used in the BLT tuner kit? It seems to need metric screws that just are not available in this area. I also need mounting screws.

This is the same type of capacitor used in the "sniffer".

Sure would appreciate any help,

Royce

Date: Tue, 13 Jan 2004 06:01:40 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [165196] 2004 QRP Contest Calendar Final Call
Message-ID: <003501c3d9c4\$9f5e2330\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

This is the final call for any orders taken Only by PayPal for the 2004 QRP Contest Calendar.

The final date is Jan. 15, 2004 for any orders to be placed. If you are going to wait until Atlanticon 2004, I am sorry to say I will not be selling any there in the evenings.

Please check www.n3epa.org for details.

72
Ron de N3EPA
EPA QRP Club El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Tue, 13 Jan 2004 06:07:50 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu

Subject: [165197] [FS] Pickett/CREI Slide Rule
Message-ID: <3.0.2.32.20040113060750.0083bdf0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Pickett Model N531-ES -- I'll ship it to any USPS address for \$10.00.

This one is new never used* included with a CREI course. Includes a basic sheath of some inexpensive material. No manual

Has all the standard scales through LL3. May be similar to the N515-T made for CIE shown on the website below.

Slide rule instructions can be found on this website.
<http://www.sliderule.ca/index.shtml>

*I have another Pickett and a Lafayette F-428 and "companion" 6 in pocket rule.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Tue, 13 Jan 2004 07:08:50 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165198] WTB: FT-817 and CW Filter
Message-ID: <Law9-0E19urxt0AAIv20000c9b0@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone on the list have a FT-817 in good shape that is surplus to their needs ? Looking for the CW filter also. Prefer the INRAD 300 Hz, but will consider the factory filter.

Alan, N3BJ
Bent Mountain, VA

Date: Tue, 13 Jan 2004 07:48:59 -0500
From: Lee Mairs <lmairs@direcway.com>

To: sslyon <sslyon@megalink.net>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165199] Re: the so-called " AT Sprint"
Message-ID: <001701c3d9d3\$a0aee850\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

He is absolutely correct.

It is all Steve Weber's fault...

de Lee
km4yy

----- Original Message -----

From: "sslyon" <sslyon@megalink.net>
To: <lmairs@direcway.com>; "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Sent: Monday, January 12, 2004 11:44 PM
Subject: the so-called " AT Sprint"

> ... or to paraphrase....

>

> > There is no sense in learning anything about the AT Sprint.

> * It's a cruel myth foisted on weak, gullible SPrinters;

> * -and even if it wasn't,

> > Nobody is selling their Sprint and there is a giant list of

> > folks like me ready to buy one if it becomes available.

> * or rather, if it becomes a reality.

> > Steve Weber hit the ball out of the park with this...

> * whopper of a myth, and you would do well to forget

> * all about it and let the delusionals rant and rave.

> * You are only enabling them and prolonging the

> * agonies of de-tox and the 12-step program.

>

> Now... say after me:

> "Hello, my name is _ _ _ _ and I'm a Gullible SPrinter. I've

> been mostly clean for nearly twelve hours now and... ..."

>

>

Date: Tue, 13 Jan 2004 08:00:59 -0500

From: Michael Danchi <Infinite5ths@characterlink.net>

To: qrp-1@Lehigh.EDU
Subject: [165200] Re: Dorm-bound ham in college needs help!
Message-ID: <4003EC0B.7070801@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hey folks!

I've already received several offers of assistance; and I'm looking forward to meeting some guys in the area and getting these issues solved. I appreciate all the help! This place is a fantastic resource!

73!
KE4TSA

--
Michael F. Danchi, violinist
"Guardian 7" (KE4TSA)
Jeremiah 33:3

Date: Tue, 13 Jan 2004 22:20:19 +0900 (JST)
From: =?ISO-2022-JP?B?GyRCPi5ELhsoQiAbJEI9KEknGyhC?= <qrper72@ybb.ne.jp>
To: Mike WA8BXN <hubby2k@hotmail.com>, qrp-1@Lehigh.EDU,
qrper72@ybb.ne.jp
Subject: [165201] Re: Simple Tube TX
Message-ID: <20040113132019.63391.qmail@web1906.mail.yahoo.co.jp>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-2022-jp

Mike

Thanks for your suggestion.
Yes, I'm using the External LPF with this transmitter.
I worked with all district of Japan and Korea, Eastern
Russia station until now.

72! JA9MAT Hidehiko
GQRP #9207

> that rig. One caution to
> note is that there is no tuned circuit in the plate
> side of the finals, it
> must be used with an external low pass filter,

Date: Tue, 13 Jan 2004 08:37:08 -0500
From: "James Reid" <jreid4@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [165202] 40M bandspread coils for SW-3
Message-ID: <000701c3d9da\$589ba880\$1d5df7a5@net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've got the coil forms and have tried to wind/wire my own bandspread coils.
Results are disappointing.

1. Does anyone have detailed instructions/schematic?
2. I have noticed in pictures that there is a variable cap. sitting in the center of the coil form. How is this connected (to what pins etc)?
3. I think you need to add another grid leak cap./resistor. How is this connected?

I really need a know-nothing schematic. Any help would be appreciated.

Jim, KD3S

Date: Tue, 13 Jan 2004 07:34:47 -0600
From: dnt1@daimlerchrysler.com
To: qrp-1@Lehigh.EDU
Subject: [165203] Re: Computing (was QRP Computers)
Message-ID: <0F6AD8AAFF.57133BC0-0N85256E1A.00491339@wkamerica.notes.chrysler.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Bruce Muscolino wrote:

> And speaking of other form factors, anybody remember the "Curta" Rallye
> Calculator? If you wanted to be among the winners in rallye competition
> you had to have a Curta!

You mean the "pepper mill"? Boy, that brings back some memories! ;-)
By the time I got into rallying (not just reading about it & wishing), we were using small handheld computers running BASIC or assembly language TSD conversion programs. Mine was the little Radio Shack job that had a whopping 16K of memory and I'd programmed it not only for the TSD calculations but to also keep our key time based on the conversions. It was pretty nice; keep the mileage matched to the computer's output (correction factor already input on the first leg) and stay on course! Easier said than done, of course... :-)

I've still got that little thing laying around somewhere (complete with service manual); had to replace the case on it twice! I used it for a PDA before PDAs became the thing to have; it went into retirement one rainy day with big puddles when I was particularly clumsy. :-(

72/73, Don T. NN4S (ex AI4CW) QRP-L#1670 Zombie#
528 FISTS# 4473 NN4SatARRLdotNET

"He that gives up a little liberty to gain temporary security will lose both and deserve neither". -- Benjamin Franklin

Date: Tue, 13 Jan 2004 09:02:14 -0500
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [165204] Michigan QRP Net
Message-ID: <0FB2AEE3C3.95F8D40C-0N85256E1A.004D07C4@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had only three check-ins last week. Conditions were very weird with many stations which are usually 599 reporting via email that they could not hear the net.

S R
KB8BO 599 599 WEST BLOOMFIELD MI JOE
WA4GIR 559 599 APEX NC JOE
AA1MY 229 BETHEL ME SEAB

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. +/- QRM. All hams are welcome.

Ed
AB8DF
Waterford, MI

Date: Tue, 13 Jan 2004 09:07:24 -0500
From: k2zn@rochester.rr.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165205] Re: Tuning Knobs
Message-ID: <14e40514e3dd.14e3dd14e405@nyroc.rr.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

I was in a similar situation just a few weeks ago - a bunch of good knobs but the hex heads were stripped out. I found a place that has a wide variety of hardware for pretty decent prices, and they ship quickly.

<http://www.fastener-express.com>

Al, K2ZN

>
> -----Original Message-----
>
> From: w2rbn@frontiernet.net
> Date: 01/06/04 16:44:36
> To: Low Power Amateur Radio Discussion
> Subject: Tuning Knobs
>
> Hi,
>
> Does anyone know where I can get the hardware that enables knobs
> to be used
> with variable capacitors such as are used in the BLT
> tuner kit? It seems to need metric screws that just are not
> available in
> this area. I also need mounting screws.
>
> This is the same type of capacitor used in the "sniffer".
>
> Sure would appreciate any help,
>
> Royce
>
>

Date: Tue, 13 Jan 2004 06:14:11 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: sslyon@megalink.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165206] Re: 160m Beacon freq.: Yeee-haaaaawwww!
Message-ID: <20040113141411.58280.qmail@web41003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, I've gotten on the top band! Heard Seab's
beacon, "BFN"...'beafon?' on 1.810...quite lovely. I
listened during the time period 0230-0300Z, and it was
569-589 here in MD.

Then I had an actual QSO on this band! Amazing;
miraculous! All that's left to try out on that
multiPIG+ is 10, 12 and 17M.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+ #14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 13 Jan 2004 08:24:59 -0600
From: dnt1@daimlerchrysler.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165207] Handbook/magazine CD-ROMs (was Re: Handbook)
Message-ID: <0FB95DA328.E7AE3290-0N85256E1A.004F17BE@wkamerica.notes.chrysler.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Fred, VE3FAL, wrote:

> I just bought the 2004 edition on Friday as a new addition to the shack.
> Was thinking of getting the CD rom, but just not the same...

Where the CD comes into it's own for me is at work; it goes along with me wherever my laptop does & isn't as conspicuous (read that "disappearable") as the hardcopy version. While I don't feel that the CD-ROM versions are the best way to go for the shack (nothing like that big, fat book sitting there on the shelf to inspire you), I do find them handy for travel AND for compilations of years of magazines. The "Ham Radio Magazine" & "QST" CD-ROM sets are good examples of this; years of great material at next to no storage space! I tend to print the stuff I want to read, though; my biggest gripe with this storage method is the eyestrain I get from staring at a CRT for any length of time.

I always enjoy the articles & information in the magazines, especially the old ads & pricing information on the various gear that was available. A hamfest rat couldn't make a better purchase than those old magazine ads & equipment reviews to help figure out what that latest goody you picked up is! Doesn't everyone buy stuff that they can't identify just to further their education? If not, don't let my XYL know it! ;-)

72/73, Don T. NN4S (ex AI4CW) QRP-L#1670 Zombie# 528
FISTS# 4473 NN4SatARRLdotNET

"He that gives up a little liberty to gain temporary security will lose both and deserve neither". -- Benjamin Franklin

Date: Tue, 13 Jan 2004 08:41:10 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [165208] [Sold] Pickett/CREI Slide Rule
Message-ID: <3.0.2.32.20040113084110.0082ae40@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sold -- Pickett Model N531-ES

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Tue, 13 Jan 2004 09:53:01 -0500
From: brewerj@squared.com
To: qrp-l@lehigh.edu
Subject: [165209] Re; Arc-5
Message-ID: <OF8D296A5F.FA99E7F9-
ON85256E1A.00515195-85256E1A.00520C1F@CIS.SQUARED.COM>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Trev sez:

>>Hey Gang,

>>Thought I'd mention one book that you might want to pick up if you see it at
>>a swap meet. It was published in 1964 by the CQ magazine. It's title is
>>"Surplus Conversion Handbook" and covers many of the WWII rigs including the
>>AN/ARC-5 series of rigs. I've played with the ARC-5 rigs and they are pretty
>>neat little rigs. The last one that was given to me was still sealed in the
>>box. It had the original tubes and was completely mint as it was the day it
>>left the factory. I didn't have the heart to modify it, heck, even the green
>>felt on the tuning eye door was fresh and the mirror was still highly
>>polished! I think that it would have fired right up on a dyna-motor! I ended
>>up donating it to the Confederate Air Force where it now lives. These little
>>rigs had a neat history. I may look for another beat up one that I don't
>>feel bad "restoring" ;-)

Good deal Trev. The times when ARC5s were everywhere, are rapidly fading.
There are still lots of hacked up versions, but pristine original versions
are getting hard to find. There's an ARC5 list available ,and for those
of you finding one good original one, there's a liklihood you could trade
it to one of the listmembers for 2 or 3 versions of the same thing alread
"improved" by earlier hams. :-)

They are remarkably good rigs, and quite usable on CW. It's old technology,
but it's GOOD old technology!

John K5MO

Date: Tue, 13 Jan 2004 09:29:38 -0600

From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Message-ID: <923iamPdM7424S10.10740077778@cmsweb10.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I'd like to briefly announce that the Houston QRP bunch is back and active. As of last Saturday, we are formally the HQRP MosQRPitos (small but potent bite), and if you've ever been to the Texas Gulf coast, you'll understand the name. Alaska was the only place I've ever been that could outdo us on the little critters.

Anyone in the Houston area with an interest in low power please feel free to contact us. The greater Houston area is something like 75 miles across, and we have members from not only Houston, but many of the surrounding cities, including Clear Lake, Pasadena, Kingwood, and even Orange (a long drive for meetings!). =

Thanks for the bandwidth.

```
72,  
mike  
K5WMG  
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Formerly WB5YJX, QRP-ARCI 3922 (former managing editor, QRP Quarterly), H=  
QRP  
MosQR Pitos, AMQRP, SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 81=  
0,  
Alaska QRP 514, Iowa QRPC #163, QCWA 30857, RSGB 19119, ARRL - One watt, =  
all  
the time =
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Wilderness Sierra - SWL-30+ - RockMite 40 - Kenwood TS-140 =

Date: Tue, 13 Jan 2004 10:51:28 -0500
From: "Thomas Lewis" <thomas_h_lewis@msn.com>
To: hubby2k@hotmail.com, qrp-1@Lehigh.EDU
Subject: [165211] Re: Tuning Knobs
Message-ID: <BAY5-F12Q0uE3chAHre00025da2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have found a good collection of the plastic spacers and bushings and stainless metric and US #2,4,&6 screws at ACE. In fact I'm on my there right now to get some 400 grit wateproof sandpaper for guess what project.

Tom
K4THL

>From: "Mike WA8BXN" <hubby2k@hotmail.com>
>Reply-To: hubby2k@hotmail.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Tuning Knobs
>Date: Tue, 6 Jan 2004 17:09:45 -0500 (Eastern Standard Time)

>
>
> Did you try a hobby shop for the screws?

>
>73/72 - Mike WA8BXN

>
>-----Original Message-----

>
>From: w2rbn@frontiernet.net
>Date: 01/06/04 16:44:36
>To: Low Power Amateur Radio Discussion
>Subject: Tuning Knobs

>
>Hi,

>
>Does anyone know where I can get the hardware that enables knobs to be used
>with variable capacitors such as are used in the BLT
>tuner kit? It seems to need metric screws that just are not available in
>this area. I also need mounting screws.

>

>This is the same type of capacitor used in the "sniffer".
>
>Sure would appreciate any help,
>
>Royce
>

Rethink your business approach for the new year with the helpful tips here.
<http://special.msn.com/bcentral/prep04.armx>

Date: Tue, 13 Jan 2004 10:57:12 -0500
From: w2bvh <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165212] Binocular ferrite cores
Message-ID: <40041558.80707@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Anyone know of a ham-friendly source for BN-61-xxxx type binocular
ferrite cores ?

73,
Lenny W2BVH

Date: Tue, 13 Jan 2004 11:11:29 -0500
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [165213] Slide Rule - Forgot I Even HAD One
Message-ID: <Law11-F119qbTYP0Kli0000579b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

All of this talk about slide rules reminded me that I thought I still had
the one I was issued in the Air Force in the mid 80's. Yep, they were still
issuing them then. I did some work with "photo interpretation" and we used
- at that time - nice state of the art HP programmable calculators that had a
mag card reader that you attached to the top of it. One day, the NCOIC of
the section came around to all of our desks and gave us a brand new Picket
'rule that had a special scale on back for determining the size of the
object on the ground - if you knew the altitude of the platform and the

focal length, etc. We were told that "next week" there was going to be a class on how to use it - just in case there were no batteries available after the "big one". Well the class never was taught and it went in the bottom of my desk drawer and was never used. I must have put it in with a bunch of stuff when I got out of the AF in '91 and didn't think any more about it. I figured it was long gone by now.

Well, I went up in the attic this morning to look for a book, and guess what - I found it! 12" Picket white aluminum still in the plastic in a leather case. Now all I have to do is d/l some docs on how to use it! I think the booklet that came with it is up there someplace, but not sure.

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan
MultiPig+ #3 - K2 #3555
DSW-II-20 - SW-40+ - SW-30+
RM-20 - RM-40

FPQRP #-347 FISTS #9299

Charter Member - Michigan DX Association
www.wb0wao.com
:=)

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Date: Tue, 13 Jan 2004 11:43:28 -0500
From: Nick Yokanovich <k3ny@cablespeed.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165214] Re: Slide rules
Message-ID: <40042030.9000405@cablespeed.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

When I was a Navy air crew member, I often saw the navigator making calculations with a pepper mill. In summer of '71 the squadron

navigators started using a handheld HP electronic calculator (model unknown to me). They guarded these things with their lives!

I have here a different sort of slide rule that I found somewhere, a Space Systems Calculator with a Collins logo on it. It has scales for near and far fields with respect to (parabolic) antenna diameter; Gain Reduction over Surface Tolerance; Antenna Diameter for Frequency; Gain (db)/ERP (dbm) over Transmitter Power; and a bunch of scales for figuring system noise temperature in degrees Kelvin. It uses two slides in a 6" x 11" body, and is made of fiberboard. Copyrighted 1966 by Perrygraf Corp. The corporate address for Collins is given as Dallas, Texas.

Nick K3NY

Date: Tue, 13 Jan 2004 12:01:03 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165215] AmQRP updates: kits, mag & weekends
Message-ID: <200401131201.AA10551534@clearviewcatv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Now that the holidays have passed and most are back to the daily grindstone=, we thought we=92d provide an update on a bunch of the club activities.

Atlanticon QRP Forum 2004 =96 The flagship QRP weekend of the year, hosted = by the NJQRP and sponsored by the AmQRP, is being held on March 26-27 at = =93the usual place=94: Holiday Inn Select in Timonium, just north of Baltim= ore, Maryland. Now in its sixth year, we again have a great speaker lineup= for top-notch presentations all day long on Saturday, including K1SWL (75m= rigs & antenna designs), N2CX (component measurement), AA0ZZ (PIC-EL proje= ct board), WB8RCR (Elmer 160), WA3WSJ (antennas & field operating), and N2A= PB (Micro908 for component measurement). The characteristically cool and fa= mous =93Atlanticon Kit=94 this year is currently being prepared for mailing= to those who pre-register. It is designed by N2CX and =93Mr. MeltSolder= =94 KD1JV, who will also be a featured guest this year. Moov= stuff arou= nd on the bench to make room for this =93Elsie Project=94 ;-) More complet= e information and pre-registration details are available at www.njqrp.org/a= tlanticon

HOME BREWER mag -- Issue #2 is at the printers (for several weeks already) and will be mailed later this month. We've seen the proofs and the new/improved quality is just wonderful. This is a super issue and I'll put the contents and HB Extra content on the website this week. Issue #3 is nearly complete and will be sent to the printer within two weeks, thus getting us back on schedule with a February mailing for that one. www.amqrp.org/homebrewer/homebrewer.html

DDS Daughtercard Kits We ran out of stock just before Christmas and re-ordered everything so we could resume shipping which has again started. So if you have a DDS Kit on order you can expect it in your mailbox by the end of the week. www.njqrp.org/dds

Islander Pad Cutters We similarly ran out of stock recently and have been waiting for another shipment of this popular item. This is the special diamond-tipped end mill described in many magazines by Dov Rabinowitz AD0V that is great for cutting little 5mm isolated pads in copper-clad material. We have also resumed shipping of this item and those with orders can expect a package in the mail this week. www.njqrp.org/islanderpadcutter

Islander Audio Amps We still have some of these inexpensive audio amps that can be homebrewed Manhattan-style using the Pad Cutter (above). These are a great way to learn how to use the Pad Cutter and to make a simple audio amp that can be used for many purposes (especially with the PIC-EL Kit to boost its mini speaker output if your hearing is like mine :-). Be on the lookout for this amp and construction style to be featured in the Circuit Construction section of the ARRL Handbook next year. www.njqrp.org/islanderramp

PIC-EL Kits The Pickle Board kit is on schedule for shipping within days, so those following the Elmer 160 course will soon be able to start the interactive lab exercises with instructor WB8RCR. Parts are being sorted and we're just awaiting the pc board delivery from the fab house. This is a very cool kit with a number of great end-uses, even if you don't follow along with the course. VFO, memory keyer, remote controller, and other projects are all possible, in addition to having a built-in PIC programmer. A Pickle Test Program even comes pre-programmed in the PIC contained in your kit. So many have ordered this kit that we'll be placing a list of all the pending orders onto the website this week -- in this way you can check that your order has indeed been received and logged. www.amqrp.org/elmer160/board

Micro908 Antenna Analyzer We're a little slower than expected on reading this major project for shipping, but progress is being made. We'll soon be announcing the kit pricing options and will be opening up ordering for everyone. Frankly, the number of reservations received thus far have just about filled the number of kits being done in the first round. So if you

haven=92t reserved a kit already (see website on how to do this), chances =
are growing slimmer that you=92ll be able to get a kit when it first become=
s available. www.amqrp.org/kits/micro908

VE3DNL Marker Generator Kits =96 This kit is probably among the most useful=
low-cost items you can get for the shack. As mentioned the other day by K=
I6DS, a limited supply is still available from NorCal =85 but when they=92r=
e gone, they=92re gone. www.amqrp.org/kits/ve3dnl

BLT Aluminum Cases =96 The perfect-sized enclosure for many of your QRP pro=
jects is now separately available from NorCal and KI6DS. Doug made a specia=
l purchase of these clamshell cases -- both pre-drilled for use with the BL=
T tuner, and undrilled for your generic project use =96 and now you can get=
this one of these limited supply items. www.amqrp.org/kits/blt_case

DISCONTINUED PRODUCTS =85.

NJQRP =93Sniffer=94 Field Strength Meter Kits =96 Sold out! Orders no long=
er being accepted. www.njqrp.org/sniffer

Precision VXO Kit =96 Sold out! Orders no longer being accepted. (All ord=
ers currently submitted will be filled. Write us if you have questions abo=
ut a possibly pending order.) www.njqrp.org/pvxo

NJQRP =93Badger=94 SmartBadge =96 Sold out! Orders no longer being accepte=
d. www.njqrp.org/badger

NK0E =93Serial CW Sender=94 Kit =96 Sold out! Orders no longer being accep=
ted. (All orders currently submitted will be filled. Write us if you have=
questions about a possibly pending order.) www.njqrp.org/palmserialsender

PSK31 Audio beacon Kit =96 Sold out! Orders no longer being accepted. www.njqrp.org/psk31beacon/psk31beacon.html

NJQRP =93Website-on-CDROM=94 =96 Sold out! Orders no longer being accepted=
. www.njqrp.org/cdrom

We hope everyone is already starting to have a healthy and prosperous 2004.=
We=92re going to see some really fun times this year with the AmQRP Club =
and we=92re glad you=92re all along to share in the ride!

72/73, George N2APB n2apb@amqrp.org
and the entire AmQRP management team
www.amqrp.org

Date: Tue, 13 Jan 2004 11:02:58 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <w2rbn@frontiernet.net>
Subject: [165216] Re: Tuning Knobs
Message-ID: <003101c3d9f7\$19235000\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Royce,
I needed mounting hardware for a couple of polyvaricons I purchased from Ocean State electronics. The metric screw selection was not particularly good around my QTH so I ordered from <http://www.microfasteners.com/>

They have a big selection of both metric and non-metric fasteners. I stocked up my junkbox on those hard to find 2-56s too.

BTW, I vaguely remember those polyvaricons requiring M2.5 screws of two lengths both for the knob spacer (2.5x16mm?) and for the chassis mount screws (shorter!).

Usual disclaimer. GL!

72/73,
Lew
N5ZE

Date: Tue, 13 Jan 2004 12:11:52 -0500
From: Lee Mairs <lmairs@direcway.com>
To: thomas_h_lewis@msn.com,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165217] Re: Tuning Knobs
Message-ID: <00cd01c3d9f8\$5b081900\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Tom -

I went all the way up to 1500 grit before putting lacquer on the base of my paddles. It makes a big difference. I'll go even higher on the next one I built. That will have to wait for my finger tips to grow back in tho...

73 de Lee
km4yy

----- Original Message -----

From: "Thomas Lewis" <thomas_h_lewis@msn.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, January 13, 2004 10:51 AM

Subject: Re: Tuning Knobs

> I have found a good collection of the plastic spacers and bushings and
> stainless metric and US #2,4,&6 screws at ACE. In fact I'm on my there
> right now to get some 400 grit waterproof sandpaper for guess what project.

>

> Tom

> K4THL

>

>

> >From: "Mike WA8BXN" <hubby2k@hotmail.com>

> >Reply-To: hubby2k@hotmail.com

> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> >Subject: Re: Tuning Knobs

> >Date: Tue, 6 Jan 2004 17:09:45 -0500 (Eastern Standard Time)

> >

> >

> > Did you try a hobby shop for the screws?

> >

> >73/72 - Mike WA8BXN

> >

> >-----Original Message-----

> >

> >From: w2rbn@frontiernet.net

> >Date: 01/06/04 16:44:36

> >To: Low Power Amateur Radio Discussion

> >Subject: Tuning Knobs

> >

> >Hi,

> >

> >Does anyone know where I can get the hardware that enables knobs to be
used

> >with variable capacitors such as are used in the BLT

> >tuner kit? It seems to need metric screws that just are not available in

> >this area. I also need mounting screws.

> >
> >This is the same type of capacitor used in the "sniffer".
> >
> >Sure would appreciate any help,
> >
> >Royce
> >
>
> -----
> Rethink your business approach for the new year with the helpful tips
here.
> <http://special.msn.com/bcentral/prep04.armx>
>
>

Date: Tue, 13 Jan 2004 11:24:12 -0600
From: Christopher Kovacs <ckovacs@mn.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165218] Warbler 80 (PSK Xcver) for sale
Message-ID: <400429BC.1040106@mn.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi All,

I am making room for other projects. I have a Warbler 80 with aluminium case for sale. I've made many contact with this little rig.

\$40.00

73,

Chris WOANM

Date: Tue, 13 Jan 2004 12:32:40 -0500
From: k2zn@rochester.rr.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165219] Re: Abrasive Remark - was: Tuning Knobs
Message-ID: <1532f514fe8d.14fe8d1532f5@nyroc.rr.com>

MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

Crocus cloth might be the best way to go.

Al, K2ZN

----- Original Message -----

From: Lee Mairs <lmairs@direcway.com>
Date: Tuesday, January 13, 2004 12:11 pm
Subject: Re: Tuning Knobs

> Tom -
> I went all the way up to 1500 grit before putting lacquer on the
> base of my
> paddles. It makes a big difference. I'll go even higher on the
> next one I
> built. That will have to wait for my finger tips to grow back in
> tho...
> 73 de Lee
> km4yy
>

> ----- Original Message -----

> From: "Thomas Lewis" <thomas_h_lewis@msn.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, January 13, 2004 10:51 AM
> Subject: Re: Tuning Knobs
>

> > I have found a good collection of the plastic spacers and
> bushings and
> > stainless metric and US #2,4,&6 screws at ACE. In fact I'm on
> my there
> > right now to get some 400 grit waterproof sandpaper for guess
> what project.

> >

> > Tom
> > K4THL

> >

> >

> > >From: "Mike WA8BXN" <hubby2k@hotmail.com>
> > >Reply-To: hubby2k@hotmail.com
> > >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > >Subject: Re: Tuning Knobs
> > >Date: Tue, 6 Jan 2004 17:09:45 -0500 (Eastern Standard Time)

> > >
> > >
> > > Did you try a hobby shop for the screws?
> > >
> > >73/72 - Mike WA8BXN
> > >
> > >-----Original Message-----
> > >
> > >From: w2rbn@frontiernet.net
> > >Date: 01/06/04 16:44:36
> > >To: Low Power Amateur Radio Discussion
> > >Subject: Tuning Knobs
> > >
> > >Hi,
> > >
> > >Does anyone know where I can get the hardware that enables
> knobs to be
> used
> > >with variable capacitors such as are used in the BLT
> > >tuner kit? It seems to need metric screws that just are not
> available in
> > >this area. I also need mounting screws.
> > >
> > >This is the same type of capacitor used in the "sniffer".
> > >
> > >Sure would appreciate any help,
> > >
> > >Royce
> > >
> > >
> > >
> > >-----
> > Rethink your business approach for the new year with the helpful
> tipshare.
> > <http://special.msn.com/bcentral/prep04.armx>
> >
> >
>
>

Date: Tue, 13 Jan 2004 12:41:24 -0500
From: Lee Mairs <lairs@direcway.com>
To: n2apb@clearviewcatv.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165220] Re: AmQRP updates: kits, mag & weekends
Message-ID: <00fe01c3d9fc\$7b027350\$0200a8c0@J4>

MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Be sure you call the hotel directly for room reservations. If you mention Atlanticon, you save at least \$10/night room over the best rate you can get by following the URL link provided on the NJQRP page.

73 de Lee
km4yy

Date: Tue, 13 Jan 2004 09:53:23 -0800
From: "Farnes_Quinn" <Farnes_Quinn@allergan.com>
To: <qrp-1@lehigh.edu>
Subject: [165221] Antenna Dilemma
Message-ID: <2F16063B7DDADD4FB140CE6245BE2FDA06AEA2@irmail121.irvine.allergan.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

A good friend recently told me that he wants to erect an 80-meter size inverted v, which he proposes to feed with coax and tune to operate on all bands (10-80 M) with an antenna tuner. I advised him of the facts of life regarding tuners and coax and suggested he select a non-resonant antenna length and feed it with balanced line. Trouble is, he has to go underground to get to the mast supporting the feedpoint, so that rules balanced line out. =20

Next, he told me about an automatic antenna tuner made by=20
<http://www.maxx-com.com>=20

I read the manufacturer's claims and all kinds of alarms started going off somewhere aft of my eyebrows. I later found the non-review in QST from 1984 and remembered that was where I had first read about it. If you read it, you'll understand why it's a non-review. My friend thinks that, even though the maxx-com is mostly a resistor across the feed point, at least it will allow operation 10-80M. I say it's a dummy load, and would like to steer him elsewhere.

So the problem remains. How does one feed a wire antenna appx. 132' long from near its center and get multiband performance without using balanced line? I'm tempted to suggest the trick of using two parallel lengths of coax with their shields connected together at each end, which

the Antenna Book indicates is a possible solution, but I don't know anyone who has done that. =20

Any thoughts I can pass on?

Date: Tue, 13 Jan 2004 10:08:49 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165222] Re: Slide rules
Message-ID: <20040113180849.GC28389@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Jan 13, 2004 at 11:43:28AM -0500, Nick Yokanovich wrote:

>
> I have here a different sort of slide rule that I found somewhere, a
> Space Systems Calculator with a Collins logo on it. It has scales for
> near and far fields with respect to (parabolic) antenna diameter; Gain
> Reduction over Surface Tolerance; Antenna Diameter for Frequency; Gain
> (db)/ERP (dbm) over Transmitter Power; and a bunch of scales for
> figuring system noise temperature in degrees Kelvin. It uses two slides
> in a 6" x 11" body, and is made of fiberboard. Copyrighted 1966 by
> Perrygraf Corp. The corporate address for Collins is given as Dallas, Texas.
>

Perrygraf made a large variety of specialized slide rules for various equipment manufacturers. I have several types which I have accumulated over the years. Hewlett-Packard put out some really nice (and useful) ones. They don't mention Perrygraf, but the construction is identical.

Bob, N7XY

Date: Tue, 13 Jan 2004 10:18:04 -0800
From: Steve Smith <sigcom@juno.com>
To: hubby2k@hotmail.com
Cc: qrp-l@Lehigh.EDU
Subject: [165223] Re: Simple Tube TX
Message-ID: <20040113.101804.-16291209.0.sigcom@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think the resonating capacitor is simply missing from the schematic.
There is a trimmer in the photographs. Hide's 12BH7 rig shows the
trimmer in the diagram.

The push-pull arrangment should be low in 2nd harmonic. I'd bet that a
simple 3-element filter would knock down any critters on the output.
Anyone ever measure the output spectrum on one of those little Jones P-P
rigs? Inquiring minds, etc., etc..

Simple and easy to build rig for those thousands of dual triodes still
out there. FWIW, my favorite is Stan AK0B's little huffer.

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Fri, 9 Jan 2004 12:56:42 -0500 (Eastern Standard Time) "Mike WA8BXN"
<hubby2k@hotmail.com> writes:

One
> caution to
> note is that there is no tuned circuit in the plate side of the
> finals, it
> must be used with an external low pass filter, connection directly
> to an
> antenna will violate regulations here in the US and probably
> elsewhere.
>
> 73/72 - Mike WA8BXN
>
>
>

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 13 Jan 2004 13:19:50 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165224] Re: Slide rules

Message-ID: <010901c3da01\$d5e9aef0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Nick Yokanovich" <k3ny@cablespeed.com>
Subject: Re: Slide rules

> When I was a Navy air crew member, I often saw the navigator making
> calculations with a pepper mill.

There is a good article on that pepper mill (Curta calculator) in the
current issue of Scientific American. They used to be the thing to have for
road rallies.

All this slide rule talk caused me to look through my inventory. In the desk
drawer I have a really beat up Pickett N4-T, an N3-ES, and an N-300ES, all
in leather cases. I used to have a nice circular rule that had a slide out
table of conversions. I really liked that rule but somewhere along the line
I lost it.

I feel like I "should" use these things more often, but my PDA is always in
my pocket, so it's what I reach for.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 13 Jan 2004 13:26:17 -0500
From: Frank Brickle <brickle@pobox.com>
To: Farnes_Quinn@allergan.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165225] Re: Antenna Dilemma
Message-ID: <40043849.3070207@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Why not go remote with a real autotuner? Coax and maybe
control underground, then balanced line to the feedpoint of
the inverted v.

The SGCs are supposed to work well in this situation. I have used the ICOM AH-4 somewhat like this, very satisfactorily. The LDG RT-11 was made for this purpose, although it needs an external balun.

Unless you need to run really high power, it's good compromise, I think. Putting the tuner at the far end of the coax saves you the heavy coax losses at high SWR. Balanced line to the feedpoint saves you from having to mount the autotuner in an awkward place.

73
Frank
AB2KT

Farnes_Quinn wrote:

> A good friend recently told me that he wants to erect an 80-meter size
> inverted v, which he proposes to feed with coax and tune to operate on
> all bands (10-80 M) with an antenna tuner.

Date: Tue, 13 Jan 2004 13:23:48 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-l@Lehigh.EDU>, <Farnes_Quinn@allergan.com>
Subject: [165226] Re: Antenna Dilemma
Message-ID: <400437B4.000013.02852@etower>
MIME-Version: 1.0
Content-Type: Text/Plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, that snake oil box is a dummy load. Rather than parallel coax for feedline, use a single coax cable and multiple dipoles fed together. It works very well and if each is tuned to the part of the band most used no tuner will be needed. The original idea of using a tuner with the coax fed single dipole is not a horrible one if one is willing to accept the losses and power levels are such that the coax does not break down. A remote (real) tuner could be put at the point where the coax comes out of the ground and then feed with open line from there to the antenna. Any antenna is better than no antenna!

73/72 - Mike WA8BXN

Date: Tue, 13 Jan 2004 10:43:10 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Farnes_Quinn@allergan.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165227] Re: Antenna Dilemma
Message-ID: <20040113184310.24720.qmail@web60802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

One means to get the feedline closer so you don't have to go underground with ladderline is to use, tada, an off-center fed dipole. my antenna consists are a approx. 50 foot section for the short end and 150 feet for the other end, fed between them with ladder line. see if something like this might fit his qth. this antenna tunes up well on 160/80/40/30 and dimensions are forgiving. when the short end gets too short it will act like an end fed wire so for 80m i would try to make it at least 40 feet, and make long end enough total wire to approach a half wave of more on 80m.

curt wb8yyy

--- Farnes_Quinn <Farnes_Quinn@allergan.com> wrote:
> A good friend recently told me that he wants to
> erect an 80-meter size
> inverted v, which he proposes to feed with coax and
> tune to operate on
> all bands (10-80 M) with an antenna tuner. I
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> of life regarding tuners and coax and suggested he
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> antenna length and feed it with balanced line.
> Trouble is, he has to go
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> balanced line out.
>
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> non-review in QST

> from 1984 and remembered that was where I had first
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> non-review. My friend thinks
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> balanced line? I'm tempted to suggest the trick of
> using two parallel
> lengths of coax with their shields connected
> together at each end, which
> the Antenna Book indicates is a possible solution,
> but I don't know
> anyone who has done that.
>
> Any thoughts I can pass on?
>
>

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 13 Jan 2004 13:51:45 -0500
From: Garey Barrell <k4oah@mindspring.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165228] Re: Slide Rules
Message-ID: <40043E41.9060301@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The most useful "slide rule" I used was from Tektronix in the 60's.

Called the "Tektronix Circuit Computer", it calculated reactances and resonant circuits with elements from 1 nanohenry to 1000 kilohenries and from 1

millipicofarad to 1000 millifarads.

The "R" scale goes from 100 milliohms to 100 megohms and from 1 cycle per second to 1000 megacycles.

So you could read resonant circuits, along with Time Constant and Risetime for L/R and RC circuits for periods from 1 picosecond to 1000 seconds.

All in an 8" circle.

The K&E was reserved for cost estimates.....

Served me well until the arrival of the HP-35 calculator, and pretty well for some time thereafter!

73, Garey - K40AH
Atlanta

Date: Tue, 13 Jan 2004 14:48:54 -0500
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165229] Re: Binocular ferrite cores
Message-ID:
<6D6463F31027B14FB3B1FB094F2C7447047DA019@tayexc17.americas.cpqcorp.net>
Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

W8DIZ has Type 43 binocular cores, but not Type 61.

I've had good luck with these folks:
<http://www.cwsbytemark.com/prices/wideband.php>

-- Bill, AB1AV

Date: Tue, 13 Jan 2004 19:56:53 GMT
From: lfcpa@juno.com

To: qrp-1@Lehigh.EDU
Subject: [165230] For Sale, kits and radio
Message-ID: <20040113.115723.476.196921@webmail16.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Cleaning out my kit box and have the following items. All are priced to include shipping CONUS.

Built:

SW-40 less than one year old. Professionally aligned. In SW enclosure and has freqimite installed. Tunes 7.025-7.063. Works great. \$65.00

Rainbow tuner (old style) built and works just fine. Getting 1.2 to 1 and is being used on the SW-40. In altoids tin. Not pretty, but works ok. \$20.00 obo

Embedded Research EPS-1 voltage converter 2-12vdc to 12vdc. built but never used. \$10.00

Kits:

- Small Wonders DSW-II 20M. Unopened. \$110.00
- BLT tuner (old style) \$20.00
- Ten Tec BFO kit (455khz) to allow AM only SW rx to rx SSB and CW \$10.00
- Unicounter by Stone (QST 12/2000) one-eyed digital freq counter \$10.00
- AzQRP Stinger Singer audio freq counter \$10.00
- P-tick paddles/keyer (I think there are two kits in the package) \$10.00
- Pixie stuff - this is an HSC Pixie kit, an embedded research Tixie board, crystals for 7.040, 7.122 and 14.060, a Fireball clone tx (10M) and a tick keyer chip. \$20.00

Thanks, Leland KD5JAM (hopefully soon getting a KX-1)

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 13 Jan 2004 14:57:00 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k3ny@cablespeed.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165231] Re: Slide rules
Message-ID: <00a601c3da0f\$7e9d2ba0\$0200a8c0@charter.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> When I was a Navy air crew member, I often saw the navigator making
> calculations with a pepper mill. In summer of '71 the squadron
> navigators started using a handheld HP electronic calculator (model
> unknown to me). They guarded these things with their lives!
>
> Nick K3NY

Unless there were military models I'm not aware of, it was probably
the HP-35. The HP-45 wasn't out yet, and the 35 was there only
'small' calculator I know of at that timeframe. It went for \$399 at
the Lehigh bookstore...

Date: Tue, 13 Jan 2004 15:07:36 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: <jwsteven@concentric.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165232] Re: FYBO 2004 --- > SAT or SUN ???? Make it clear!!!!
Message-ID: <BC29BA38.1D0A4%n1bq_list@wulfden.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

COME ON ... Please settle on a date, it was announced two-three weeks ago as
Feb 8th --- which is it? Saturday the 7th or Sunday the 8th??? I even wrote
the list and asked if the date 2/8/04 was correct since it was a Sunday.
Please tell us the date, for sure, for real, like cast in stone! Many clubs
are already planning and have posted schedules.

cheers ... 73 de brian, n1bq, northern vermont qrp society

On 1/13/04 12:03 AM, "John Stevens" <jwsteven@concentric.net> wrote:

> FYBO will be held on Saturday, February 7 around the usual QRP CW/SSB
> watering holes. WARC bands excluded. Times are 1600Z to 2400Z. A
> Multi-Multi category has been added for this year and bonus points for using
> Az ScQRPion paddles and Class E transmitters. Otherwise, the rules are
> pretty much the same as last year. Lots of awards including such things as
> paddle kits, Stinger Singer Frequency Counter semikits, ScQRPion pins,
> certificates and whatever else we can find that didn't sell at the last flea

> market. :-) Paddles will be awarded to the top multi op and multi-multi
> groups too. You guys will have to figure out how to award them within your

Date: Tue, 13 Jan 2004 15:12:21 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: Farnes_Quinn@allergan.com, QRP-L <qrp-l@lehigh.edu>
Subject: [165233] Re: Antenna Dilemma
Message-ID: <6.0.0.22.2.20040113144933.01f18ac0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yeah ... I'm sure their SWR claims are correct-or close to it... you can take a 50 ohm dummy load and get the same figures... and pretty close to the same ERP. Tell him to forget... no... tell him to *FORGET* it.

Your suggestion is a good one, except for the bit about underground. I have used a Bencher (AIR-CORE) balun with a G5RV for ALL band coax-to-OWL operation. It was awful on 30M, but loaded-and, more importantly-WORKED fine everywhere else. That does not include 17M and 12M because I didn't want to fool with figuring out the loading. At some point in time I'm fairly sure I ran some power into it without difficulty... but the bulk of the operating was at 50W output or less. G5RVs seem to like 33ft 6 inches of feedline... if he can get that much OWL/twinlead/etc. he can do one. (51 ft each side of center.) I don't know what to tell you/him if he has to go non-resonant but he COULD ignore losses/whatever, and just use coax, period. At lower power levels, his tuner ought to be able to match it. If I had his circumstance I'd do that... OR...

2) I'd put up some sort of loop. Resonant or not. Horizontal or Vertical. Same problem about matching applies (you can get a 4:1 balun and just that at the feedpoint), but at least it's more wire. (more wire GOOD!!! less wire BAD!!!) OR...

3) I'd try an end-fed longwire. Same matching problems plus a little, needs a better ground, and directional off the end as the freq gets higher. OR...

4) Get that ubiquitous vertical of some/any sort. With radials, Butternut is excellent. The much maligned GAP DX Voyager is KILLER on 40M, pretty good on 80M, and just OK on 160M. Also, Hy-Gain has the Hy-Tower HT-18 back in production. With radials, it's a champ. If no radials are desired, go with one of the compromises like the Cushcraft R-8 or the Hy-Gain DX-77A.

With that range of choices, the best one for him it seems to me is just do the longest INV VEE he can, and feed it with coax. Next would be add as much OWL/twinlead as the height of his feedpoint would allow, and see what

happens. Then just for fun, try that with a Bencher balun.

P.S. If it's a metal mast he ought to standoff the OWL/twinlead from the mast as much as he can.

///snip

>Next, he told me about an automatic antenna tuner made by

><http://www.maxx-com.com>

>

>///snip

>So the problem remains. How does one feed a wire antenna appx. 132'

>long from near its center and get multiband performance without using

>balanced line?

///snip

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by

Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;

SEDXC NCDXA GACW QRP-ARCI

OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Tue, 13 Jan 2004 15:19:19 -0500

From: <charlescurrey1@imcingular.com> (CHARLES CURREY)
To: qrp-1@Lehigh.EDU
Subject: [165234] Re: Antenna Dilemma
Message-ID: <10092684.218974441@imcingular.com>

Perhaps the best solution would be a trap dipole. High losses on the coax would not be a problem and direct burial with the right coax should work fine. A multiband vertical would also be a potential solution. I have read that long runs of parallel coax give the worst of both types of feed line. Others may have more and better information.

73 and good luck to your friend. Let us know how it works out.

Chuck Currey, kg4qqh

Date: Tue, 13 Jan 2004 14:42:14 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-1@lehigh.edu
Cc: wv7g@arrl.net
Subject: [165235] Beacon Report W5USJ/B 1/10/01
Message-ID: <3.0.2.32.20040113144214.0084a620@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Beacon report for Friday 9 Jan, '04 0200 to 0500 UTC Sat.

Let me know if I missed someone and/or if the info is incorrect. It took some doing [on my part] to extract the info from the various emails.

Equipment used:

FT-817 at 2.5 W output to Butternut HF-9V vertical

Keyer -- K1EL K-10 using beacon feature.

VVV DE W5USJ/B EM22CV QSL VIA EMAIL AR [10 second delay -- repeat]

Most stations reported QSB in various degrees of intensity and duration.

0200, George, W0AV, S5, EM29sd, Kansas City, MO
0200, Steve, K4JPN, 359, EM82ep, Warner Robins, GA
0202, Jerry, W0PWE, 579, EN31dq, Johnston, IA
0205, Don, K5KW, S3, EM25jt, Fort Gibson, OK
0208, Jim, W1PID, 339, FN43en, Sanbornton, NH
0211, Jerry, W0PWE, 599, EN31dq, Johnston, IA
0216, Sandy, KB3E0F, 559, FM19jk, Central, MD
0221, Bill, N4QA, 349, EM97rd, City, ST
0230, Joe, K9HDE, Nfl, EN61dn, Homewood, IL

0230, Nick, WA5BDU, S0-S3, EM35kg, Russleville, AR
 0238, Dan, N0TK, 559, GRID, Highlands Ranch, CO
 0239, George, KR5C, Nfl, EM22om, Longview, TX
 0240, Gary, K8KFJ, 449, EM98cj, City, ST
 0240, Sam, KL7V/5, 559, EM15em, Oklahoma City, OK
 0245, Don, K5KW, S5, EM25jt, Fort Gibson, OK
 0250, Gus, KB0YH, 539, DM79np, Denver, CO
 0255, John, K4AVX, 449, EM87jg, Perry Co, KY
 0310, Charles, W2SH, ESP - 459, FN20rq, Millington, NJ
 0335, Andreas, N6NU, 339, CM87vk, Menlo Park, CA
 0335, Dwain, K0LOA, NIL, EM12px, Richardson, TX
 0335, Jim, W0EB, NIL, EM17it, Park City, KS
 0340, Jay, AJ4AY, 559, EM50vp, Mobile, AL
 0350, Chuck, K7Q0, S8, DM34sm, Prescott, AZ
 0410, Steve, WB0QQT, 229, EN10qu, Lincoln, NE
 0413, Gene, AK9N, 339, DM43ej, Litchfield Park, AZ
 0419, Ron, W6AZ, 119 -229, CM97ai, Santa Clara, CA
 0431, Chris, W0ANM, 339-549, EN34gu, City, ST
 0436, Mike, AF4LQ, 559, EM78ce, Louisville, KY
 0440, Todd, [CALL], 539, EN54ra, Oshkosh, WI
 0445, Bob, AA7EQ, 339, DM51bk, Bisbee, AZ
 9999, Dan, KC5GXL, NIL, EM30cc, Orange, TX
 9999, Mike, N4VBV, QRN, EM93tw, Sumpter, SC

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
 QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
 Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

 Date: Tue, 13 Jan 2004 12:44:43 -0800 (PST)
 From: Mr Mike Caughran <kl7r@yahoo.com>
 To: qrp-l@Lehigh.EDU
 Subject: [165236] Re: Antenna Dilemma
 Message-ID: <20040113204443.38405.qmail@web40410.mail.yahoo.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii

Appeal to the left side of his brain.

Ladderline is
 cheaper, much lower loss and lighter weight
 than coax

With a balanced antenna like a loop
 or dipole, there should be little radiation

from the ladderline.

I saw an old timer run some window line out through a metal framed window of an aluminum trailer during Field Day.

He explained that as long as the window line ran out perpendicular to the metal frame there should be no problem. There was no problem.

Some interesting reading:

<http://www.arrl.org/tis/info/pdf/9312070.pdf>

<http://www.arrl.org/tis/info/pdf/9706057.pdf>

<http://www.arrl.org/tis/info/pdf/49470.pdf>

<http://www.arrl.org/tis/info/reflections.html>

I have read of tests by which indicate more loss under "wetted" conditions of window line. The same test showed, however that ladder line had no noticeable change in loss with wetness.

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes

<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 13 Jan 2004 15:48:33 -0500

From: Barry Keating <barry.p.keating.1@nd.edu>

To: qrp-1@lehigh.edu

Subject: [165237] FS LDG QRP Autotuner

Message-ID: <5.2.1.1.0.20040113152339.00b5dec8@imap.nd.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

For sale: LDG QRP Autotuner (NOT the Z11 tuner). This is the original "LDG AT-11 QRP Autotuner."

This tuner is the same exact same size as the Z11. This particular unit was factory built (i.e., not a kit) and is in perfect condition. This is a full featured automatic (or can be used in semi-automatic mode) antenna tuner designed for HF (1.8 to 30 MHz) transmitters using 0.1 to 10 watts output. It uses a switched "L" configuration that works well with just about any type of antenna (e.g., dipole vertical, beam, ect.). Tuning time is between 0.1 and 3.0 seconds with an average time of 1.5 seconds. I have used it quite successfully with a Yaesu 817, a QRP-Plus, a NorCal 38 Special, and an MFJ 9040. I have used a range of antennas with it including dipoles, St.

Louis verticals, and longwires (with a balun).

My current rigs have internal autotuners and so this QRP AT-11 is available.

The custom enclosure was made by TenTec. According to Bob Kellogg in a review on the QRP-L site "The QRP AT-11 automatic tuner was very efficient on all bands tested. In most cases one tuner setting would cover 1 MHz or more with less than 1.5 SWR." The QRP AT-11 autotuner requires power to make it cycle but the manual specifications indicate only a 0.1 watt minimum (not as low as the Z-11's 0.0 watt minimum, but VERY low all the same). Picture is available by email.

The price for this "as-new" unit with the original instruction manual is \$80 (plus \$5 shipping within the continental United States).

Barry Keating WD4MSM
1839 Campeau Street
South Bend, IN 46617
USA

Fists#2681 CC#575
QRP-L #642 ARS #1310 CQ QST
WAS WAC DXCC 1000ml/watt
wd4msm@arrl.net
Grid: EN61VQ

Date: Tue, 13 Jan 2004 12:56:35 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165238] Re: Antenna Dilemma
Message-ID: <20040113205635.74278.qmail@web41009.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Mr Mike Caughran <kl7r@yahoo.com> wrote:
> I saw an old timer run some window line out through
> a metal framed window of an aluminum trailer during
> Field Day.
> He explained that as long as the window line ran
> out perpendicular to the metal frame there should
> be no problem. There was no problem.

My longwire, ladder line and window line exit my window between the metal storm/screen frame and the metal window frame. Only one exits at a right angle. They seem to work well.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 13 Jan 2004 15:58:38 -0500
From: "jwsteven@concentric.net" <jwsteven@concentric.net>
To: qrp-l@lehigh.edu
Subject: [165239] FYBO DATE Saturday February 7
Message-ID: <293580-220041213205838117@M2W057.mail2web.com>
MIME-Version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

FYBO is indeed Saturday, February 7=2E This was an effort to return to the
e
"normal" time frame for the event caused by the move away from larger
events last year=2E I do apologize for any confusion and certainly
understand any consternation=2E Mea culpa=2E =20

73 john k5js
Az ScQRPions

mail2web - Check your email from the web at
<http://mail2web=2Ecom/> =2E

Date: Tue, 13 Jan 2004 15:06:32 -0600
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [165240] RE: Tenna Dipper Kits
Message-ID: <087e01c3da19\$1f76e8f0\$4cc03fd8@n0mq>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 4SQRP Gourp is kitting the last 50 Tenna Dipper kits. If you have not gotten one now is the time. It has been a great kit but it is time to retire it. We may bring it back some other time but time to get working on the up coming Ozarkcon April 9,10, 2004 in Joplin, Mo.

Thanks to all the people who purchased a kit from us and a Special thanks to Steve Weber "Melt Solder" , KD1JV for donating the kit to us. He is a great designer.

72

Gene N0MQ
4SQRP Group

Date: Tue, 13 Jan 2004 15:23:22 -0600
From: "John Bohnert" <johnb@elmhurst.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [165241] Elmer 160: Lesson 6
Message-ID: <008301c3da1b\$79526140\$707744ce@otc1197270>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am a little behind in my study. I have not seen any posts related to lesson 6. So my problem may well be my problem alone. My questions are in reference to material presented on pages 8 -11.

I read the text found on pages 8-11 of Lesson 6. I studied the underlying logic in the design of a program for multiple transmissions of the word TEST. I believe I follow the logic as presented on these pages.

I downloaded the <asm> programming files for lesson 6 from the AmQRP web site. However, when I wish to build the files for use in the simulator I receive the error message <Executable code and data must be defined in an appropriate section> multiple times.

I checked the downloaded program against the text in lesson 6 and found one discrepancy...the <label DitTime> does not include a <call DitTime> in either the text version of the program or the downloaded program. However, in the text material associated with explaining the program, there is reference to a <call DitTime> followed by <nop> and <return>. So I added a <call DitTime> to the program, but I still receive the same error messages when I build the program.

I need some help. I do hope that I can 'figure' my way through this situation, but....my head is sore from bumping into this wall.

Thanks.

72
N9KW
John

Date: Tue, 13 Jan 2004 16:24:26 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [165242] Re: FYBO DATE Saturday February 7
Message-ID: <4004620A.1030407@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> FYBO is indeed Saturday, February 7. This was an effort to return to the
> "normal" time frame for the event caused by the move away from larger
> events last year. I do apologize for any confusion and certainly
> understand any consternation. Mea culpa.

>
> 73 john k5js
> Az ScQRPions

Can hardly wait. Will be out there with the AZSQP Class E transmitters
on 20 and 40 as well as the AZSQP Paddle. (and the Davco DR30 for receive).

John w2AGN

Date: Tue, 13 Jan 2004 16:49:19 -0500
From: <charlescurrey1@imcingular.com> (CHARLES CURREY)
To: qrp-l@Lehigh.EDU
Subject: [165243] FISTS
Message-ID: <10092684.115237995@imcingular.com>

I have a slightly off topic question for the group on operating. When I hear a US station calling CQ DX I have allways thought that the op wanted to contact a foreign country and I did not answer. If I was correct about that, then is it also

correct not to answer an op calling CQ FISTS, because he or she is only calling other FISTS members and I am not one? What do the rest of you non-FISTS folks do? Thanks in advance for the info.

Chuck Currey, kg4qqh

Date: Tue, 13 Jan 2004 16:57:12 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <johnb@elmhurst.edu>
Subject: [165244] Re: Elmer 160: Lesson 6
Message-ID: <02dd01c3da20\$33ed6370\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John

----- Original Message -----
From: "John Bohnert" <johnb@elmhurst.edu>
Subject: Elmer 160: Lesson 6

> I downloaded the <asm> programming files for lesson 6 from the AmQRP web
> site. However, when I wish to build the files for use in the simulator I
> receive the error message <Executable code and data must be defined in an
> appropriate section> multiple times.

This actually sounds like a problem in project setup. First, I assume that this is Lesson 6b, since there is no "DitTime" in 6a.

In the Lesson6b.mcp window (on the upper left), it should look like:

- Lesson6b.mcp
 - Source Files
 - Lesson6b.asm
 - Header Files
 - Object Files
 - etc.

(Ignoring the lines, bolding, etc.)

The only one of your .asm files that should appear should be Lesson6b.asm. If I add Lesson6a.asm to Lesson6b.mcp, I get the same error you do. I bet this is the problem. I probably should have harped on starting another project for 6b. If you just add another .asm file to a project, the MPLAB

will assume you are going to link together a bunch of files, and that adds a whole new set of rules.

> I need some help. I do hope that I can 'figure' my way through this
> situation, but....my head is sore from bumping into this wall.

One of the frustrating things about programming (not just the PIC, anything) is that the most obvious things are the hardest to find. It's always good to get a second pair of eyes on the problem, because you can spend an awful lot of head-banging on the simplest things! It's not just you, we all do it.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 13 Jan 2004 14:57:05 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [165245] Need Emtech NW-20 Trouble Shooting Info
Message-ID: <000c01c3da20\$4aeef9d0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Folks,

I'm working on a rig with no/low power output. The Emtech manual does not give RF voltage levels for the TX strip.

Can somebody provide RF voltages at TP-3 and TP-4? RMS or P-P, what ever you can provide will be helpful.

TIA for your help.
73, Rod N0RC

Date: Tue, 13 Jan 2004 17:00:39 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-l@Lehigh.EDU>, <johnb@elmhurst.edu>
Subject: [165246] Re: Elmer 160: Lesson 6

Message-ID: <40046A87.000015.02852@etower>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just downloaded the code, made projects for each, and they both assembled without error.

-----Original Message-----

From: johnb@elmhurst.edu
Date: 01/13/04 16:32:52
To: Low Power Amateur Radio Discussion
Subject: Elmer 160: Lesson 6

I am a little behind in my study. I have not seen any posts related to lesson 6. So my problem may well be my problem alone. My questions are in reference to material presented on pages 8 -11.

I read the text found on pages 8-11 of Lesson 6. I studied the underlying logic in the design of a program for multiple transmissions of the word TEST. I believe I follow the logic as presented on these pages.

I downloaded the <asm> programming files for lesson 6 from the AmQRP web site. However, when I wish to build the files for use in the simulator I receive the error message <Executable code and data must be defined in an appropriate section> multiple times.

I checked the downloaded program against the text in lesson 6 and found one discrepancy...the <label DitTime> does not include a <call DitTime> in either the text version of the program or the downloaded program. However, in the text material associated with explaining the program, there is reference to a <call DitTime> followed by <nop> and <return>. So I added a <call DitTime> to the program, but I still receive the same error messages when I build the program.

I need some help. I do hope that I can 'figure' my way through this situation, but....my head is sore from bumping into this wall.

Thanks.

72
N9KW
John

Date: Tue, 13 Jan 2004 14:08:22 -0800
From: David Simmons <dsimmons@macromedia.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165247] Networked Receiver on 7.040 For Testing
Message-ID: <AF3D4B6E3776C7459203A5CB01B976DB038056F4@s2009exm01.macromedia.com>
MIME-Version: 1.0
Content-Type: text/plain

I was inspired by some of the recent beacons and streaming receivers to write a program that's streaming audio from my Kenwood receiver onto the internet. If you'd like to test it out, please go to:

<http://www.zievid.com/FoxHuntNetwork.html>

This requires a web browser with Flash 6 on your computer.

Please enter your callsign and the password "Jan13Fox" to sign on. Then click the green dot that's in northern California, and you will (hopefully) hear my radio in a few seconds. It's tuned near 14.040 right now ... I may move it a bit if there's no activity on frequency.

If you are interested in broadcasting from your radio, you will need to:

- * Try listening first and make sure you have the basic software setup working.
- * Working radio audio output to PC sound card input
- * Ability to select your audio input device (make sure your radio input isn't muted, for example) in the Windows or Mac system.
- * Send me a note (offlist) and get a broadcaster password

This is probably going to go on and off during this afternoon. If it seems to work OK, I'll leave it on for the Fox Hunt tonight.

Let me know (offlist) what you think,

- Dave
KQ6RL

Disclaimer - I work professionally creating the technology and products behind this (Flash and the Flash Communications Server). If you all rush out and buy Macromedia stock, and make it rise over 100 again, I'm going to retire and play with radios all day. However, there's no fee or payment involved with this project. I saw an interesting use of the technology from work, I thought I'd see what it would look like.

Date: Tue, 13 Jan 2004 17:21:18 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Farnes_Quinn@allergan.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165248] Re: Antenna Dilemma
Message-ID: <40046F5E.1F1F8256@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thoughts you can pass on.

First, coax fed wire antennas make lousy multi-band antennas UNLESS you either use "fan" type dipoles (one per band fed at the same point) or traps. Either type work very well, they just increase the cost somewhat.

Second, I would be very careful about burying coax. You might get by with it for a year or so, but you will have to replace the coax frequently.

Third. Burying pen wire line or twin lead is a definite no-no. It just won't work. Even burying open wires or twin lead in PVC conduit does not work.

Fourth, running coax to a remote tuner with open wire or twin lead will work, but you will still have the coax replacement problem.

Fifth. If I were your friend I would look into using an end fed wire. A tuner will easily tune it for any band.

Other. Yes, x-rays have shown the Maxcom to be a 50 ohm resistor. Surprisingly enough there will be enough radiation from this (at QRO) levels to make contacts. It is one way to get a QRP signal.

On the twin lead going through metal window frames. The momentary impedance bump seen by the feed line will not much influence radiation or line balance. Even if the line does not exit perpendicularly there will still not be much of a problem IF the metal passage is not that great.

Best of luck to your friend. I presume the project is still in the planning phase. Maybe he can put that pole money to some other use. If it is already there and used to support a beam, likely he has already solved the feed line problem.

Date: Tue, 13 Jan 2004 16:22:16 -0600
From: Mark Milburn <mark.milburn@ispwest.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [165249] Iowa QRP Club CW Net
Message-ID: <40046F98.475F160E@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Iowa QRP Club CW Net will be held on or around
3.709 Wednesday night at 8 PM Iowa time, or Thursday
morning 0200Z.

Join us if you can.

72 Mark KQ0I
Des Moines, Iowa

Date: Tue, 13 Jan 2004 15:50:00 -0700
From: "Bob Baxter" <rbaxter@cybertrails.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165250] Re: Elmer 160: Lesson 6
Message-ID: <003e01c3da27\$950ddfc0\$af542aa2@radiatoroom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "John Bohnert" <johnb@elmhurst.edu>

However, when I wish to build the files for use in the simulator I
> receive the error message <Executable code and data must be defined in an
> appropriate section>

I ran into a similar problem doing 6c by modifying 6b. It omits listing L1
and L2 under "Output". When I compared it to the downloaded version I
picked up on the problem and after making the additions it built ok.

Bob Baxter AA7EQ

Bisbee, Az.

Date: Tue, 13 Jan 2004 22:50:06 GMT
From: lfcpa@juno.com
To: qrp-1@Lehigh.EDU
Subject: [165251] Re For Sale Kits and Stuff
Message-ID: <20040113.145023.10660.1819698@webmail04.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

The following items are sold.

DSW-II 20M
EPS-1
BLT
BFO kit
Unicounter
Stinger Singer
P-tick kits
Pixie stuff

Still have:
SW-40 (built, mint condition)
Rainbow tuner

Thanks,
Leland KD5JAM

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 13 Jan 2004 17:56:54 -0500
From: "Ed Howell" <kb2nto1@usadatanet.net>
To: <qrp-1@lehigh.edu>
Subject: [165252] FS QRP Rig and autotuner
Message-ID: <002501c3da28\$978aaa20\$f357fea9@eds>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a unmodified HW-8 with PS and copies of the manuals for both. Some scratches but faceplate is nice. Works to specs...\$100 also LDG AT-QRP autotuner with manual works to specs...\$60... Prices plus shipping...Thank you...Ed

Date: Tue, 13 Jan 2004 23:07:03 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [165253] re: FISTS calling CQ
Message-ID: <5.2.1.1.0.20040113230441.013bf8e0@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Forgot to save the message. But if you hear a FISTS member calling CQ and you are not a member, then you can still call them. They are glad to work any station and you can tell them that you are not a member but you want to start collecting member numbers for their awards and that you are/may join the club.

That is one thing about the FISTS club. There seem to be a lot more of them active than any other club....

FYI

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

Date: Wed, 14 Jan 2004 02:06:48 +0300
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: charlescurrey1@imcingular.com (CHARLES CURREY)
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165254] Re: FISTS
Message-ID: <311309765.20040114020648@lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear OM CHARLES!

CC> What do the rest of you
CC> non-FISTS folks do?

Calling "CQ QRP"... ;^)

Wish you all the best!
72! de RV3GM Oleg ("Master-72") V. Borodin
RU-QRP Club <http://ruqrp.narod.ru>

=== In QRP We Trust! ===

End of QRP-L Digest 3164

